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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates
All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals
The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates
Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code
Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1792***
For each additional sheet over 30	**$20**
3. International Search Fee	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. Taxe de recherche internationale	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*))	**$269**
6. Preliminary examination fee (Rule 58)	**$800**

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*))	**269 $**
6. Taxe d'examen préliminaire (Règle 58)	**800 $**

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail*@*wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail*@*wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé[MC] et Xpresspost[MC] de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and
- ordering copies in paper, or electronic form of a document.

des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
    - First Monday in August (British Columbia Day)
    - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
    - March 17 (St. Patrick's Day)
    - April 23 (St. George's Day)
    - June 24 (Discovery Day)
    - July 12 (Orangemen's Day)
    - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
    - Third Monday in February (Ontario Family Day)
    - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
    - premier lundi d'août (Fête de la Colombie-Britannique)
    - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
    - 17 mars (Fête de la Saint-Patrick)
    - 23 avril (Fête de la Saint-Georges)
    - 24 juin (Journée de la Découverte)
    - 12 juillet (Jour des Orangistes)
    - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
    - troisième lundi de février (Jour de la Famille de l'Ontario)
    - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé℠, par Xpresspost℠ ou par voie électronique en utilsant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of July 18, 2017 contains applications open to public inspection from July 2, 2017 to July 8, 2017.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 18 juillet 2017 contient les demandes disponibles au public pour consultation pour la période du 2 juillet 2017 au 8 juillet 2017.

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[54] **MISE A JOUR AUTOMATIQUE DES LISTES DE LECTURE D'UN GUIDE DE PROGRAMME INTERACTIF DE TYPE EPG; REGROUPEMENT DES EPISODES D'UNE SERIE TELEVISEE EN FONCTION DES PARAMETRES DE L'UTILISATEUR**
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[54] **SYNTHESE D'IODIXANOL DANS LE METHANOL**
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[72] HOLMAAS, LARS TERJE, NO
[72] HOMESTAD, OLE MAGNE, NO
[73] GE HEALTHCARE AS, NO
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[54] **COMBINATION OF AN ANTI-EDB FIBRONECTIN ANTIBODY-IL-2 FUSION PROTEIN, AND A MOLECULE BINDING TO B CELLS, B CELL PROGENITORS AND/OR THEIR CANCEROUS COUNTERPART**
[54] **ASSOCIATION D'UNE PROTEINE DE FUSION IL-2-ANTICORPS ANTI-EDB DE FIBRONECTINE, ET D'UNE MOLECULE SE LIANT AUX LYMPHOCYTES B, AUX CELLULES PROGENITRICES DES LYMPHOCYTES B ET/OU LEUR CONTREPARTIE CANCEREUSE**
[72] NERI, DARIO, CH
[72] MENSSEN, HANS DIETRICH, DE
[72] MENRAD, ANDREAS, GB
[72] SCHLIEMANN, CHRISTOPH, CH
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[72] CARROLL, JEFFREY P., US
[72] ZEIMIS, PETER PAUL, III, US
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[73] MAGNA SEATING INC., CA
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[54] **ENSEMBLE DE LIAISON**
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[73] TYCO HEALTHCARE GROUP LP, US
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[54] **FLUENCE MONITORING DEVICES WITH SCINTILLATING FIBERS FOR X-RAY RADIOTHERAPY TREATMENT AND METHODS FOR CALIBRATION AND VALIDATION OF SAME**
[54] **DISPOSITIFS DE SURVEILLANCE DE FLUENCE DE PARTICULES A FIBRES OPTIQUES SCINTILLANTES POUR TRAITEMENTS DE RADIOTHERAPIE PAR RAYONS X, ET PROCEDES D'ETALONNAGE ET DE VALIDATION CONNEXES**
[72] BEAULIEU, LUC, CA
[72] GINGRAS, LUC, CA
[72] GOULET, MATHIEU, CA
[73] UNIVERSITE LAVAL, CA
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[72] NIKANPOUR, DARIUS, CA
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[54] **MECHE A BOIS**
[72] EVATT, THOMAS, US
[73] TECHTRONIC POWER TOOLS TECHNOLOGY LIMITED, VG
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[54] **ELECTRONIC WEIGHING SYSTEM**
[54] **APPAREIL DE PESAGE ELECTRONIQUE**
[72] FORSHAW, MICHAEL E., US
[72] LAWRENCE, KENNETH G., US
[72] FABBRO, JAMES R., US
[73] OVS, INC., US
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[54] **SINGLE-PASS, DOUBLE-SHOOT OPENER FOR AN AGRICULTURAL IMPLEMENT**
[54] **DOUBLE DISQUE OUVRANT DEUX SILLONS EN UN SEUL PASSAGE POUR UN INSTRUMENT AGRICOLE**
[72] SCHILLING, ROBIN B., CA
[72] NAYLOR, MATTHEW S., CA
[72] CHAHLEY, DENNIS W., CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
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[54] **SYSTEM AND METHOD FOR ELIMINATING HOLD-TIME IN PHONE CALLS**
[54] **SYSTEME ET PROCEDE PERMETTANT DE SUPPRIMER LA DUREE DE MISE EN ATTENTE LORS D'APPELS TELEPHONIQUES**
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[72] BIGUE, JASON P., CA
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[54] **METHOD AND SYSTEM FOR PREPARING A LIQUID EXTRACT FROM A CELL USING CENTRIFUGAL FORCES**
[54] **PROCEDE ET SYSTEME POUR PREPARER UN EXTRAIT LIQUIDE A PARTIR D'UNE CELLULE EN UTILISANT DES FORCES CENTRIFUGES**
[72] COLANTONIO, JEAN-LUC, CH
[72] BONACCI, ENZO, CH
[72] DENISART, JEAN-PAUL, CH
[72] YOAKIM, ALFRED, CH
[72] RYSER, ANTOINE, CH
[73] NESTEC S.A., CH
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[54] **PREVENTION OF PREMATURE GELLING OF DELIVERY DEVICES FOR PH DEPENDENT FORMING MATERIALS**
[54] **PREVENTION DE LA GELIFICATION PREMATUREE DE DISPOSITIFS DE DISTRIBUTION POUR DES MATIERES DONT LA FORMATION DEPEND DU PH**
[72] OHRI, RACHIT, US
[72] BLASKOVICH, PHILLIP, US
[73] CONFLUENT SURGICAL, INC., US
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[54] **PROCEDE POUR LA PREPARATION DE 2-AMINO-2-[2-(4-C3-C21-ALKYL-PHENYL)ETHL] PROPANE-1,3-DIOLS**
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[73] NOVARTIS AG, CH
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[54] **MATERIAUX DE PANNEAU MURAL INCORPORANT UNE MATRICE DE MICROPARTICULES**
[72] KIPP, MICHAEL D., US
[72] PUGH, DILWORTH L., US
[72] RIDGES, MICHAEL D., US
[72] MCCARVILL, WILLIAM T., US
[73] ASHTECH INDUSTRIES, L.L.C., US
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[54] **METHOD AND APPARATUS FOR STRETCHING SEGMENTED STRETCHABLE FILM AND APPLICATION OF THE SEGMENTED FILM TO A MOVING WEB**
[54] **METHODE ET EQUIPEMENT D'ETIRAGE DE FILM ETIRABLE SEGMENTE, ET APPLICATION DU FILM SEGMENTE A UNE BANDE EN MOUVEMENT**
[72] MCCABE, JOHN A., US
[73] CURT G. JOA, INC., US
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[87] (2719438)
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[54] **BATTERY CHARGING COACTION AND OUTPUT SYSTEM WITH CURRENT LIMIT SUPPLY**
[54] **SYSTEME A COACTION ET DE SORTIE DE CHARGE DE BATTERIE AVEC ALIMENTATION A LIMITE DE COURANT**
[72] YANG, TAI-HER, TW
[73] YANG, TAI-HER, TW
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[54] **SURGICAL STAPLING DEVICE WITH CAPTIVE ANVIL**
[54] **DISPOSITIF D'AGRAFAGE CHIRURGICAL AVEC ENCLUME CAPTIVE**
[72] NICHOLAS, DAVID A., US
[72] DATCUK, PETER, US
[72] WHITMAN, MICHAEL P., US
[73] TYCO HEALTHCARE GROUP LP, US
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[54] **PREDICTIVE MARKER FOR TOPOISOMERASE I INHIBITORS**
[54] **MARQUEUR PREDICTIF DES INHIBITEURS DE TOPOISOMERASE I**
[72] BHARTI, AJIT, US
[73] BOSTON MEDICAL CENTER CORPORATION, US
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[54] **AFFICHEUR TACTILE A SIGNAL VIDEO POUR CONTROLEUR MULTIMEDIA PROGRAMMABLE**
[72] BONCZEK, BRYAN S., US
[72] SILVA, MICHAEL C., US
[72] MADONNA, ROBERT P., US
[73] SAVANT SYSTEMS LLC, US
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[54] **METHODS AND APPARATUS FOR SHINGLE STACKING OF TICKETS IN A TICKET PRINTER**
[54] **PROCEDES ET APPAREILS POUR EMPILER LES TICKETS EN LOTS CHEVAUCHANTS DANS UN IMPRIMEUR DE TICKETS**
[72] SUPRON, STEVEN ANDREW, US
[72] HARRIS, BRUCE, US
[73] TRANSACT TECHNOLOGIES INCORPORATED, US
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[87] (2724016)
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[54] **VALVE DE REGULATION DU SANG A COMPRESSION RADIALE**
[72] HARDING, WESTON F., US
[72] MCKINNON, AUSTIN JASON, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2010-11-10
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[54] **INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, AND PROGRAM**
[54] **DISPOSITIF DE TRAITEMENT D'INFORMATION, PROCEDE DE TRAITEMENT D'INFORMATION ET PROGRAMME CORRESPONDANT**
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[73] SONY CORPORATION, JP
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[72] ALTMANN, MAIK, DE
[72] DITTMAR, RAINER, DE
[72] SAVOLAINEN, MIKA, FI
[73] UPONOR INNOVATION AB, SE
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[54] **POLYSILANE HALOGENE ET SON PROCEDE THERMIQUE DE PRODUCTION**
[72] BAUCH, CHRISTIAN, DE
[72] HOLL, SVEN, DE
[72] MOHSSENI-ALA, SEYED-JAVAD, DE
[72] DELTSCHEW, RUMEN, DE
[72] LIPPOLD, GERD, DE
[72] AUNER, NORBERT, DE
[73] NAGARJUNA FERTILIZERS AND CHEMICALS LIMITED, IN
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[54] **CONTROLE D'ODEUR**
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[72] SENIOR, GEOFFERY DAVID, AU
[73] BHP BILLITON SSM DEVELOPMENT PTY LTD, AU
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[54] **ROBINET ELECTROMAGNETIQUE**
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[73] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
[85] 2010-11-26
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[25] EN
[54] **APPARATUS AND METHOD FOR PRODUCING ABSORBENT ARTICLE WITH STRETCH FILM SIDE PANEL AND APPLICATION OF INTERMITTENT DISCRETE COMPONENTS OF AN ABSORBENT ARTICLE**
[54] **APPAREIL ET METHODE DE PRODUCTION D'UN ARTICLE ABSORBANT A L'AIDE D'UN PANNEAU LATERAL CONSTITUE D'UN FILM ETIRABLE ET L'APPLICATION DE COMPOSANTS ET L'APPLICATION INTERMITTENTE DE COMPOSANTS DISCONTINUS D'UN ARTICLE ABSOORBANT**
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[73] CURT G. JOA, INC., US
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[54] **EQUERRE DE MACONNERIE, SYSTEME ET PROCEDE DE CONSTRUCTION**
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[72] CORBETT, HAMISH, GB
[73] WEMBLEY INNOVATION LTD., GB
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[54] **SYSTEM AND METHOD FOR OPTICAL TOMOGRAPHY FEEDBACK CONTROL OF DOSIMETRY FOR PHOTODYNAMIC THERAPY (PDT)**
[54] **SYSTEME ET PROCEDE POUR COMMANDE DE RETROACTION DE TOMOGRAPHIE OPTIQUE DE DOSIMETRIE POUR UNE THERAPIE PHOTODYNAMIQUE (PDT)**
[72] SWARTLING, JOHANNES, SE
[72] AXELSSON, JOHAN, SE
[73] SPECTRACURE AB, SE
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[72] VANNESTE, VINCENT, BE
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[54] **PLASTIQUE RENFORCE STRUCTURELLEMENT AVEC DES RENFORTS DE CHARGE**
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[73] ECOPURO, US
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[54] **STRUCTURE DE FIBRE ET PROCEDE DE DISCRIMINATION DE MODES D'ORDRE SUPERIEUR DANS LA STRUCTURE DE FIBRE**
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[54] **METHODS, SYSTEMS AND COMPUTER READABLE MEDIA FOR STORING AND REDEEMING ELECTRONIC CERTIFICATES USING A WIRELESS SMART CARD**
[54] **PROCEDES, SYSTEMES ET SUPPORTS LISIBLES PAR ORDINATEUR POUR STOCKER ET ECHANGER DES CERTIFICATS ELECTRONIQUES A L'AIDE D'UNE CARTE A PUCE SANS FIL**
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[54] **ARTICLE D'OPTIQUE COMPORTANT UNE COUCHE ANTISTATIQUE LIMITANT LA PERCEPTION DES FRANGES D'INTERFERENCE, PRESENTANT UNE EXCELLENTE TRANSMISSION LUMINEUSE ET SON PROCEDE DE FABRICATION**
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[72] FEUILLADE, MATHIEU, FR
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[73] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
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[54] **SYSTEMES, PROCEDES ET SUPPORT APTE A ETRE LU PAR ORDINATEUR POUR FOURNIR UN TRANSFERT DE DONNEES HORS LIGNE SECURISE ENTRE DES DISPOSITIFS INTELLIGENTS SANS FIL**
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[54] **APPAREIL ET METHODE DE TRAITEMENT SOLAIRE D'EAUX USEES INDUSTRIELLES**
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[54] **PROCEDE DE FABRICATION D'ELEMENTS COMPOSITES**
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[54] **DISPOSITIF DE PURGE DE PRESSION POUR APPAREIL D'ENREGISTREMENT A JET D'ENCRE**
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[72] ISHIKAWA, AKIRA, JP
[72] ITABASHI, WATARU, JP
[73] MIYAKOSHI PRINTING MACHINERY CO., LTD., JP
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[54] **RESERVOIR D'ENCRE POUR APPAREIL D'ENREGISTREMENT A JET D'ENCRE**
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[54] **SYSTEME DE BIOREACTEUR MEMBRANAIRE SUBMERGE ET METHODES BIOLOGIQUES POUR ELIMINER LES BISPHENOLS DES EAUX USEES MUNICIPALES**
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[72] BUELNA, GERARDO, CA
[72] BLAIS, JEAN-FRANCOIS, CA
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[54] **TOLE D'ACIER GALVANISE ET SON PROCEDE DE PRODUCTION**
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[54] **SYSTEME ET PROCEDE DE COMMANDE D'ECOULEMENT D'ECHAPPEMENT**
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[54] **CONJUGUES MACROCYCLIQUES CONTENANT DE L'AZOTE COMME PRODUITS RADIOPHARMACEUTIQUES**
[72] DONNELLY, PAUL STEPHEN, AU
[72] MA, MICHELLE THERESE, AU
[72] SCANLON, DENIS BERNARD, AU
[73] THE UNIVERSITY OF MELBOURNE, AU
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[54] **PLASTIC CONTAINER HAVING A DEEP-INSET BASE**
[54] **CONTENANT EN MATIERE PLASTIQUE COMPRENANT UNE BASE PROFONDEMENT ENCASTREE**
[72] KELLEY, PAUL V., US
[72] BYSICK, SCOTT E., US
[72] LYNCH, BRIAN A., US
[72] NAHILL, THOMAS E., US
[72] PHILIPPE, ROMUALD, US
[73] GRAHAM PACKAGING COMPANY, L.P., US
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[54] **RECEPTEUR, PROCEDE DE RECEPTION, EMETTEUR, PROCEDE DE TRANSMISSION PROGRAMME ET SYSTEME DE DIFFUSION**
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[73] SONY CORPORATION, JP
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[54] **(HETERO)ARYL SUBSTITUTED (BENZO[D]THIAZOL-2-YLCARBAMOYL) 1,2,3,4-TETRAHYDROQUINOLINS AND RELATED COMPOUNDS AND USES THEREOF FOR TREATING CANCER AND EXCESS PLATELETS**
[54] **(BENZO[D]THIAZOL-2-YLCARBAMOYL) 1,2,3,4-TETRAHYDROQUINOLINES(HETERO)ARYLSUBSTITUE ET COMPOSES ASSOCIES ET LEURS UTILISATIONS POUR LE TRAITEMENT DU CANCER ET D'UN EXCES DE PLAQUETTES**
[72] BAELL, JONATHAN BAYLDON, AU
[72] BUI, CHINH THIEN, AU
[72] COLMAN, PETER, AU
[72] DUDLEY, DANETTE A., US
[72] FAIRBROTHER, WAYNE J., US
[72] FLYGARE, JOHN A., US
[72] LESSENE, GUILLAUME LAURENT, AU
[72] NDUBAKU, CHUDI, US
[72] NIKOLAKOPOULOS, GEORGE, AU
[72] RYE, CARL STEVEN, GB
[72] SLEEBS, BRAD EDMUND, AU
[72] SMITH, BRIAN JOHN, AU
[72] WATSON, KEITH GEOFFREY, AU
[72] ELMORE, STEVEN W., US
[72] PETROS, ANDREW M., US
[72] SOUERS, ANDREW J., US
[72] CZABOTAR, PETER, AU
[73] GENENTECH, INC., US
[73] THE WALTER AND ELIZA HALL INSTITUTE OF MEDICAL RESEARCH, AU
[73] ABBVIE INC., US
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[54] **TETRAHYDROISOQUINOLINE DERIVATIVES AND THEIR USES TO TREAT CANCERS AND AUTOIMMUNE DISORDERS**
[54] **DERIVES DE TETRAHYDROISOQUINOLINE ET LEURS UTILISATIONS POUR LE TRAITEMENT DE CANCERS ET DE MALADIES AUTOIMMUNES**
[72] BAELL, JONATHAN BAYLDON, AU
[72] BUI, CHINH THIEN, AU
[72] COLMAN, PETER, AU
[72] CZABOTAR, PETER, AU
[72] DUDLEY, DANETTE A., US
[72] FAIRBROTHER, WAYNE J., US
[72] FLYGARE, JOHN A., US
[72] LESSENE, GUILLAUME LAURENT, AU
[72] NDUBAKU, CHUDI, US
[72] NIKOLAKOPOULOS, GEORGE, AU
[72] SLEEBS, BRAD EDMUND, AU
[72] SMITH, BRIAN JOHN, AU
[72] WATSON, KEITH GEOFFREY, AU
[72] ELMORE, STEVEN W., US
[72] HASVOLD, LISA A., US
[72] PETROS, ANDREW M., US
[72] SOUERS, ANDREW J., US
[72] TAO, ZHI-FU, US
[72] WANG, LE, US
[72] WANG, XILU, US
[72] DESHAYES, KURT, US
[73] GENENTECH, INC., US
[73] THE WALTER AND ELIZA HALL INSTITUTE OF MEDICAL RESEARCH, AU
[73] ABBVIE INC., US
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[54] **TREATMENT OF PULMONARY AND PLEURAL FIBROSIS USING HSP27 INHIBITORS**
[54] **TRAITEMENT DE LA FIBROSE PULMONAIRE ET PLEURALE A L'AIDE D'INHIBITEURS HSP27**
[72] BONNIAUD, PHILIPPE, FR
[72] GARRIDO, CARMEN, FR
[72] WETTSTEIN, GUILLAUME, FR
[73] ONCOGENEX TECHNOLOGIES INC., CA
[86] (2747509)
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[54] **SYSTEM AND METHOD FOR REDUCING POLLUTION IN A BODY OF WATER**
[54] **SYSTEME ET PROCEDE DE REDUCTION DE LA POLLUTION DANS UN VOLUME D'EAU**
[72] ROBERTS, RICKY EUGENE, US
[72] KEY, JAMES RHRODRICK, US
[72] BETTLE, GRISCOM, III, US
[73] ABSOLUTE AERATION, US
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[54] **TISSUE REMOVAL DEVICE FOR NEUROSURGICAL AND SPINAL SURGERY APPLICATIONS**
[54] **DISPOSITIF D'ABLATION TISSULAIRE DESTINE A DES APPLICATIONS NEUROCHIRURGICALES ET DE CHIRURGIE SPINALE**
[72] MARK, JOSEPH L., US
[72] DOUGHERTY, BRIAN, US
[73] NICO CORPORATION, US
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[72] KRAUSZ, ELIEZER, IL
[72] CHIPROOT, AVI, IL
[73] KRAUSZ INDUSTRIES DEVELOPMENT LTD., IL
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[54] **ENSEMBLE BRAS DE PULVERISATION POUR UN LAVE-VAISSELLE**
[72] BAYER, MATTHIAS, DE
[72] MACK, FRIEDRICH, DE
[72] KLEINERT, OLIVER, SE
[72] SCHADT, RICHARD, DE
[73] ELECTROLUX HOME PRODUCTS CORPORATION N.V., BE
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[54] **IMPLANT DESTINE A ETRE INSERE DANS LE CANAL DE SCHLEMM DE L'OEIL**
[72] STEGMANN, ROBERT, ZA
[72] GRIESHABER, MATTHIAS, CH
[73] GRIESHABER OPHTHALMIC RESEARCH FOUNDATION, CH
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[54] **METHODS AND APPARATUSES FOR QUANTITATIVELY DETERMINING THE LIKELIHOOD OF A DISEASE**
[54] **PROCEDES ET APPAREILS POUR DETERMINER QUANTITATIVEMENT LA PROBABILITE D'UNE MALADIE**
[72] DUSCHESNE, SIMON, CA
[73] UNIVERSITE LAVAL, CA
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[54] **MIXTURES AND EMULSIONS TO REDUCE ENERGY IN GYPSUM WALLBOARD MANUFACTURE**
[54] **MELANGES ET EMULSIONS POUR REDUIRE L'ENERGIE DANS LA FABRICATION DE PANNEAU DE REVETEMENT EN GYPSE**
[72] STUART, JONATHAN, US
[72] MAHONEY, DENNIS MICHAEL, US
[72] LENDER, ARIEL, US
[72] DAVIES, NORMAN, US
[73] HENRY COMPANY LLC, US
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[54] **METHOD AND SYSTEM FOR ADJUSTING THE FLOW RATE OF CHARGE MATERIAL IN A CHARGING PROCESS OF A SHAFT FURNACE**
[54] **PROCEDE ET SYSTEME PERMETTANT D'AJUSTER LE DEBIT D'UN MATERIAU DE CHARGE DANS UN PROCESSUS DE CHARGE D'UN FOUR VERTICAL**
[72] TOCKERT, PAUL, LU
[72] BREDEN, EMILE, LU
[72] LONARDI, EMILE, LU
[72] MEYER, DAMIEN, FR
[73] PAUL WURTH S.A., LU
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[54] **AN INJECTION APPARATUS FOR AN INJECTION MOLDING MACHINE**
[54] **APPAREIL D'INJECTION POUR UNE MACHINE DE MOULAGE PAR INJECTION**
[72] ZHANG, XIAN BAO, CN
[72] ZHANG, FAN, CN
[72] ZHAO, ZE BO, CN
[73] CHEN HSONG ASSET MANAGEMENT LIMITED, CN
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[54] **MACHINES DE PREPARATION DE BOISSON**
[72] HANSEN, NICK ANDREW, GB
[72] BENTLEY, ANDREW, GB
[72] HINCKLEY, ELIZABETH, GB
[72] NORTON, MARK, GB
[73] KONINKLIJKE DOUWE EGBERTS B.V., NL
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[54] **COMPOSITION DE SURFACE ET PROCEDE D'APPLICATION**
[72] BEALE, LEW, AU
[73] HYDRAWALL PTY LTD, AU
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[54] **REFILL LIQUID CONTAINER**
[54] **RECIPIENT DE LIQUIDE DE RECHARGE**
[72] FARRAR, PETER ANTONY, GB
[72] HEIN, JOHN, GB
[73] BREEZE PRODUCT DESIGN LIMITED, GB
[85] 2011-08-17
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[54] **DRY COMPOSITION COMPRISING A BINDER AND A SILICONE OIL**
[54] **COMPOSITION SECHE COMPRENANT UN LIANT ET UNE HUILE DE SILICONE**
[72] GUYOT, CHRISTOPHE, FR
[72] GUILLOT, LAURENT, FR
[73] SIKA TECHNOLOGY AG, CH
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[54] **MEMS GYROSCOPE FOR DETECTING ROTATIONAL MOTIONS ABOUT AN X-, Y- AND/OR Z- AXIS**
[54] **GYROSCOPE MICROELECTROMECANIQUE PERMETTANT DE DETERMINER DES MOUVEMENTS DE ROTATION AUTOUR D'UN AXE X, Y OU Z**
[72] ROCCHI, ALESSANDRO, IT
[73] MAXIM INTEGRATED GMBH, DE
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[54] **PROCEDES ET APPAREIL DE GESTION DE DEMANDE D'ENERGIE**
[72] BEAL, JACOB S., US
[72] BACHRACH, JONATHAN R., US
[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[54] **COMPOSITES POLYMERES DE POLYETHYLENE ORIENTES ET A CAVITES**
[72] NICHOLS, KEVIN, US
[72] MICHIE, WILLIAM, US
[72] KAPUR, MRIDULA, US
[73] EOVATIONS, LLC, US
[85] 2011-08-29
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[54] **CARACTERISTIQUE DE SERTISSAGE DE CANULE APTE A VENIR EN PRISE DE FACON BIDIRECTIONNELLE**
[72] BURKHOLZ, JONATHAN KARL, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2011-08-31
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[25] EN
[54] **METHOD, SYSTEM AND MOBILE ELECTRONIC DEVICE FOR PURCHASING MEDIA**
[54] **METHODE, SYSTEME ET DISPOSITIF ELECTRONIQUE MOBILE POUR ACHAT DE MEDIAS.**
[72] ARASTAFAR, MARTIN, US
[73] BLACKBERRY LIMITED, CA
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[54] **SYSTEME D'ACCUMULATEURS THERMIQUES**
[72] GOLBS, ANDREAS, DE
[72] WEBER, STEFAN, DE
[73] RAWEMA COUNTERTRADE HANDELSGESELLSCHAFT MBH, DE
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[54] **OPHTHALMIC COMPOSITIONS BASED ON POLYUNSATURATED OMEGA-3 AND OMEGA-6 FATTY ACIDS**
[54] **COMPOSITIONS OPHTALMIQUES A BASE D'ACIDES GRAS OMEGA-3 ET OMEGA-6 POLYINSATURES**
[72] ALEO, DANILO, IT
[72] BARABINO, STEFANO, IT
[72] MANGIAFICO, SERGIO, IT
[72] ROLANDO, MAURIZIO, IT
[72] SAITA, MARIA GRAZIA ANTONIETTA, IT
[73] TRB CHEMEDICA INTERNATIONAL S.A., CH
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[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **CAPSULE FOR THE PREPARATION OF A BEVERAGE AND CAPSULE-HOLDING UNIT FOR USE THEREWITH**
[54] **CAPSULE POUR LA PREPARATION D'UNE BOISSON ET UNITE DE SUPPORT DE CAPSULE DESTINEE A ETRE UTILISEE AVEC CELLE-CI**
[72] VANNI, ALFREDO, IT
[73] LUIGI LAVAZZA S.P.A., IT
[85] 2011-09-07
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[87] (WO2010/106516)
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[25] EN
[54] **METHOD FOR THE PRODUCTION OF TOOLS MADE OF ALLOYED STEEL AND TOOLS IN PARTICULAR FOR THE CHIP-REMOVING MACHINING OF METALS**
[54] **METHODE DE PRODUCTION D'OUTILS EN ACIER ALLIE ET OUTILS CONCUS, NOTAMMENT, POUR L'USINAGE DE METAUX PAR ENLEVEMENT DE MATIERE**
[72] KELLEZI, GERT, AT
[72] CALISKANOGLU, DEVRIM, DE
[72] BAERNTHALER, ANDREAS, AT
[73] BOEHLER EDELSTAHL GMBH & CO KG, AT
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[25] EN
[54] **TISSUE REMOVAL DEVICE FOR NEUROSURGICAL AND SPINAL SURGERY APPLICATIONS**
[54] **DISPOSITIF DE RETRAIT DE TISSU POUR APPLICATIONS DE CHIRURGIE NEUROLOGIQUE ET RACHIDIENNE**
[72] MARK, JOSEPH L., US
[73] NICO CORPORATION, US
[85] 2011-09-09
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[72] HOPF, HANS JUERGEN, DE
[72] KASSAL, NORBERT, DE
[72] HOPF, ALEXANDER, DE
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[72] WANG, DONGYAN, US
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[72] CHEN, XIAO-PING, US
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[72] KENNEY, JULIET, US
[72] MARTIN, ADAM, US
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[72] FLETCHER, BERGEN ALBERT, CA
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[72] CARTER, TIMOTHY JOSEPH NICHOLAS, GB
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[72] BOONE, BILL J., US
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[72] SANGHVI, PRADEEP, US
[72] HARIHARAN, MADHUSUDAN, US
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[72] COOLEN, HEIN K.A.C., NL
[72] MONS, HARMEN, NL
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[72] RONKEN, ERIC, NL
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[54] **SYSTEME ET PROCEDE POUR LA NAVIGATION AUTONOME D'UN VEHICULE CHENILLE OU A DIRECTION A GLISSEMENT**
[72] HENNESSY, ROSS, AU
[72] OPPOLZER, FLORIAN, AU
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[72] SINGH, SURYA P. N., AU
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[73] THE UNIVERSITY OF WESTERN ONTARIO, CA
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[72] SCHILLER, KLAUS, DE
[72] SCZEKALLA, BEATE, DE
[72] MEERBOTE, MICHAEL, DE
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[54] **COMPOSITIONS MOUSSANTES SANS EAU ET SANS SURFACTANT, MOUSSES ET GELS FRIABLES, AINSI QUE LEURS UTILISATIONS**
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[72] GAZAL, ELANA, IL
[72] PAPIASHVILI, IRAKLIY, IL
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[72] SCHUZ, DAVID, IL
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[73] DOLBY INTERNATIONAL AB, NL
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[72] WHITE, JILL, CA
[73] KINDERPLAY DESIGNS INC., CA
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[54] **APPAREIL ELECTROMENAGER POURVU DE SUPPORTS SUPPORTANT UN ELEMENT CHAUFFANT EN VERRE D'UN TIROIR CHAUFFANT**
[72] HARWARD, SAMUEL, US
[72] PARKER, ROSE MARIE, US
[72] PERKINS, SIBYL, US
[73] BSH HOME APPLIANCES CORPORATION, US
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[72] HENEGAR, CLIFFORD, US
[72] RUTHERFORD, MICHAEL, US
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[54] **APPAREIL ELECTROMENAGER POURVU D'UNE PROTECTION CONTRE L'EGOUTTAGE POUR UN TIROIR CHAUFFANT**
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[72] HARWARD, SAMUEL, US
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[72] PANHANS, JUERGEN, DE
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[54] **METHODES D'UTILISATION DE LA MODULATION IMMUNITAIRE DE CELLULES SOUCHES ET APPAREIL**
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[73] WING KING TONG PRINTING LIMITED, CN
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[54] **PROCEDE A BASE D'EMULSION POUR PREPARER DES MICROPARTICULES ET ENSEMBLE D'UNITE DE TRAVAIL DESTINEE A ETRE UTILISEE DANS LE PROCEDE**
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[72] MARKLAND, PETER, US
[73] EVONIK CORPORATION, US
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[54] **APPAREIL MULTIFREQUENCE MEGASONIQUE A TRANSDUCTEURS ADAPTES ET PLAQUE DE SUPPORT**
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[73] MEGASONIC SWEEPING, INCORPORATED, US
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[54] **POLYMERES SOLUBLES DE GLUCOSE BRANCHES POUR LA DIALYSE PERITONEALE**
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[72] WILS, DANIEL, FR
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[54] **GROUPAGE DYNAMIQUE D'OBJETS DE DOMAINE AU MOYEN DE GROUPES INTELLIGENTS**
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[72] ADAIR, NEAL L., US
[72] CHARTRAND, TIMOTHY A., US
[72] WALKER, KELLY G., US
[72] WILD, ALAN R., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[72] AGUILERA BARRETO, ANA, CU
[72] MARTINEZ DIAZ, EDUARDO, CU
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[54] **DISPOSITIF DE GESTION INTERNET, PROCEDE DE GESTION INTERNET, PROGRAMME DE GESTION INTERNET, SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR POUR L'ENREGISTREMENT DUDIT PROGRAMME ET SYSTEME INTERNET**
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[54] **METHOD OF INCREASING FILM TEAR STRENGTH**
[54] **PROCEDE D'AUGMENTATION DE LA RESISTANCE AU DECHIREMENT D'UN FILM**
[72] TOWLER, JEFFREY, US
[73] W. L. GORE & ASSOCIATES, INC., US
[85] 2013-03-06
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[54] **COMPOSITIONS AND METHOD FOR IMPROVING ENDOTHELIAL FUNCTION AND CARDIOVASCULAR HEALTH**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT D'AMELIORER LA FONCTION ENDOTHELIALE ET LA SANTE CARDIOVASCULAIRE**
[72] GHOSAL, SHIBNATH, IN
[72] VEERARAGAVAN, MURUGANANDAM, IN
[72] KALIDINDI, SANYASI R., US
[73] NATREON, INC., US
[86] (2810732)
[87] (2810732)
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[54] **RECLINER MECHANISM WITH DUMP FEATURE**
[54] **MECANISME A BASCULE AVEC FONCTION DE VIDANGE**
[72] ESPINOSA, JOSEPH C., US
[72] SIMMS, ANDREW JOSHUA, US
[72] BERNDTSON, JOHN J., US
[72] ROBINSON, DAVID L., US
[73] FISHER & COMPANY, INCORPORATED, US
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[54] **HEAT TRANSFER LABEL FOR DECORATING A METAL CONTAINER**
[54] **ETIQUETTE IMPRIMEE PAR REPORT A CHAUD POUR DECORATION DE CONTENANT METALLIQUE**
[72] ANSARI, SAIFUDDIN M., US
[72] YEE, IGNATIUS S., US
[72] BARNHARDT, DOUGLAS L., US
[72] WOJEWODA, ROBERT J., US
[73] MCC-NORWOOD LLC, US
[85] 2013-04-02
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[51] **Int.Cl. G06Q 10/10 (2012.01) H04W 88/02 (2009.01) H04L 12/16 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR PROVIDING ACTION ITEM REMINDERS**
[54] **PROCEDES ET DISPOSITIFS POUR FOURNIR DES RAPPELS EN MATIERE DE MESURES A PRENDRE**
[72] BORG, CARL MAGNUS, US
[72] OLSSON, LARS JOHAN ANDERS, US
[72] NEUMANN, JOHN CROSS, CA
[73] BLACKBERRY LIMITED, CA
[86] (2813939)
[87] (2813939)
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[54] **SYNERGISTIC ACTIVITY OF PERACETIC ACID AND AT LEAST ONE SAR INDUCER FOR THE CONTROL OF PATHOGENS IN AND ONTO GROWING PLANTS**
[54] **ACTIVITE SYNERGETIQUE D'ACIDE PERACETIQUE ET D'AU MOINS UN INDUCTEUR DE RESISTANCE SYSTEMIQUE ACQUISE (RSA) POUR LA LUTTE CONTRE DES PATHOGENES DANS ET SUR DES PLANTES EN TRAIN DE CROITRE**
[72] CASSANDRA, MARCO, CA
[72] DAGHER, FADI, CA
[73] AGRI-NEO INC., CA
[85] 2013-04-15
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[54] **METHOD FOR PRODUCING WATER-ABSORBENT RESIN PARTICLES AND WATER-ABSORBENT RESIN PARTICLES**
[54] **PROCEDE DE PRODUCTION DE PARTICULES DE RESINE ABSORBANT L'EAU ET PARTICULES DE RESINE ABSORBANT L'EAU**
[72] HEGURI, ATSUSHI, JP
[72] TANIMURA, KENJI, JP
[72] ONODA, YUICHI, JP
[73] SUMITOMO SEIKA CHEMICALS CO., LTD., JP
[85] 2013-04-15
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[25] EN
[54] **GENERATION OF ANTIGENIC VIRUS-LIKE PARTICLES THROUGH PROTEIN-PROTEIN LINKAGES**
[54] **GENERATION DE PARTICULES DE TYPE VIRUS ANTIGENIQUES PAR DES LIAISONS PROTEINE-PROTEINE**
[72] PADGETT, HAL, US
[73] NOVICI BIOTECH LLC, US
[85] 2013-04-29
[86] 2010-11-05 (PCT/US2010/055717)
[87] (WO2011/057134)
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[54] **INTERFACE UNIT, MEASUREMENT SYSTEM AND A METHOD IN AN INTERFACE UNIT**
[54] **UNITE D'INTERFACE, SYSTEME DE MESURE ET PROCEDE DANS UNE UNITE D'INTERFACE**
[72] SAMUELSSON, MAGNUS, SE
[73] ST. JUDE MEDICAL COORDINATION CENTER BVBA, BE
[85] 2013-05-03
[86] 2011-11-09 (PCT/EP2011/069728)
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[25] EN
[54] **SENSOR CLIP ASSEMBLY FOR AN OPTICAL MONITORING SYSTEM**
[54] **ENSEMBLE PINCE DE CAPTEUR DESTINE A UN SYSTEME DE SURVEILLANCE OPTIQUE**
[72] BARRETT, LOUIS L., US
[72] PETERSON, DAVID W., US
[72] STOWELL, MATTHEW A., US
[72] LAW, PERRY N., US
[73] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
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[25] EN
[54] **MACHINE CONTROL SYSTEM HAVING AUTONOMOUS RESOURCE QUEUING**
[54] **SYSTEME DE COMMANDE DE MACHINE A FILE D'ATTENTE DE RESSOURCE AUTONOME**
[72] EVERETT, BRYAN J., US
[72] SIEMER, MICHAEL., AU
[72] KOEHRSEN, CRAIG L., US
[72] VITALE, ANDREW J., US
[72] ELLWOOD, JOHN R., AU
[73] CATERPILLAR INC., US
[85] 2013-05-13
[86] 2011-11-02 (PCT/US2011/058874)
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[25] EN
[54] **SYSTEM FOR AUTONOMOUS PATH PLANNING AND MACHINE CONTROL**
[54] **SYSTEME POUR PLANIFIER UNE VOIE AUTONOME ET COMMANDE DE MACHINE**
[72] EVERETT, BRYAN J., US
[72] VITALE, ANDREW J., US
[72] KOEHRSEN, CRAIG L., US
[72] HUMPHREY, JAMES D., US
[73] CATERPILLAR INC., US
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[54] **MULTI-MODE WEB BROWSING**
[54] **NAVIGATION WEB MULTI-MODE**
[72] JITKOFF, JOHN NICHOLAS, US
[72] MURPHY, GLEN, US
[73] GOOGLE INC., US
[85] 2013-05-16
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[30] US (61/415,339) 2010-11-18

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[51] **Int.Cl. E21B 47/09 (2012.01) E21B 23/00 (2006.01)**
[25] EN
[54] **METHOD FOR AUTOMATIC CONTROL AND POSITIONING OF AUTONOMOUS DOWNHOLE TOOLS**
[54] **PROCEDE DE COMMANDE ET DE POSITIONNEMENT AUTOMATIQUES D'OUTILS AUTONOMES DE FOND DE TROU**
[72] KUMARAN, KRISHNAN, US
[72] SUBRAHMANYA, NIRANJAN A., US
[72] ENTCHEV, PAVLIN B., US
[72] TOLMAN, RANDY C., US
[72] ANGELES BOZA, RENZO M., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[25] EN
[54] **METHOD FOR MANUFACTURING OF SLURRY FOR PRODUCTION OF BATTERY FILM**
[54] **PROCEDE POUR LA FABRICATION DE SUSPENSION POUR LA PRODUCTION DE FILM DE BATTERIE**
[72] HAUGSETER, BJORN, NO
[72] HENRIKSEN, TOM, NO
[72] SRIVASTAVA, AKHILESH KUMAR, NO
[72] VALOEN, LARS OLE, NO
[73] ELECTROVAYA INC., CA
[85] 2013-04-29
[86] 2011-10-24 (PCT/IB2011/054738)
[87] (WO2012/056389)
[30] NO (2010 1514) 2010-10-28

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[13] C
[51] **Int.Cl. B61H 11/06 (2006.01) B61C 17/12 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING AIR PROPAGATION DATA IN A BRAKING ARRANGEMENT OF A TRAIN**
[54] **SYSTEME ET PROCEDE PERMETTANT DE DETERMINER LES DONNEES DE PROPAGATION DE L'AIR DANS L'AGENCEMENT DE FREINAGE D'UN TRAIN**
[72] KERNWEIN, JEFFREY D., US
[72] WILSON, M. FRANK, US
[73] WABTEC HOLDING CORP., US
[85] 2013-06-03
[86] 2011-12-02 (PCT/US2011/063041)
[87] (WO2012/087538)
[30] US (12/976,267) 2010-12-22

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[13] C
[51] **Int.Cl. F04B 43/08 (2006.01) A61M 5/142 (2006.01) F04B 43/12 (2006.01)**
[25] EN
[54] **FLUID DELIVERY DEVICE IDENTIFICATION AND LOADING SYSTEM**
[54] **SYSTEME D'IDENTIFICATION ET DE CHARGEMENT DE DISPOSITIF DE DISTRIBUTION DE FLUIDE**
[72] MOY, YEI F., US
[72] ZIEGLER, JOHN S., US
[73] ICU MEDICAL, INC., US
[85] 2013-06-07
[86] 2011-12-22 (PCT/US2011/066808)
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[25] EN
[54] **GRAIN BIN CAPACITIVE MOISTURE SENSOR SYSTEM AND METHOD**
[54] **SYSTEME DE DETECTEURS D'HUMIDITE CAPACITIFS POUR SILO A GRAINS ET PROCEDE CONNEXE**
[72] BLOEMENDAAL, BRENT J., US
[72] BENSON, RAYMOND GEORGE, US
[73] CTB, INC., US
[86] (2821610)
[87] (2821610)
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[25] EN
[54] **A COMBINATION OF AN OPIOID AGONIST AND AN OPIOID ANTAGONIST IN THE TREATMENT OF PARKINSON'S DISEASE**
[54] **COMBINAISON D'UN AGONISTE DES OPIOIDES ET D'UN ANTAGONISTE DES OPIOIDES DANS LE TRAITEMENT DE LA MALADIE DE PARKINSON**
[72] HOPP, MICHAEL, DE
[72] TRENKWALDER, CLAUDIA, DE
[73] EURO-CELTIQUE S.A., LU
[85] 2013-06-20
[86] 2011-12-27 (PCT/EP2011/074103)
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[25] EN
[54] **ELASTOMERIC NANOCOMPOSITES, NANOCOMPOSITE COMPOSITIONS, AND METHODS OF MANUFACTURE**
[54] **NANOCOMPOSITES ELASTOMERES, COMPOSITIONS DE NANOCOMPOSITE, ET PROCEDES DE FABRICATION**
[72] WENG, WEIQING, US
[72] RODGERS, MICHAEL B., US
[72] UPTON, MOLLY W., US
[72] SOISSON, JOHN PATRICK, US
[72] WEBB, ROBERT N., US
[73] EXXONMOBIL CHEMICAL PATENTS INC., US
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[51] **Int.Cl. F02C 7/262 (2006.01) F02C 7/275 (2006.01) F02C 7/32 (2006.01)**
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[54] **AIRCRAFT AND GAS TURBINE ENGINE**
[54] **AVION ET TURBINE A GAZ**
[72] BETTNER, JAMES LEE, US
[73] ROLLS-ROYCE CORPORATION, US
[85] 2013-06-26
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[25] EN
[54] **DATA AND/OR COMMAND SIGNAL TRANSMISSION DEVICE WITH ANTENNA ARRANGEMENTS**
[54] **DISPOSITIF DE TRANSMISSION DE DONNEES ET/OU DE SIGNAL DE COMMANDE DOTE DE DISPOSITIFS D'ANTENNE**
[72] BISIG, MARTIN, CH
[73] SWISS TIMING LTD., CH
[86] (2823589)
[87] (2823589)
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[51] **Int.Cl. A61K 9/08 (2006.01) A61K 47/36 (2006.01) A61K 47/38 (2006.01)**
[25] EN
[54] **USE OF A VISCOELASTIC FLUID FOR PRODUCING A MEDICINAL PRODUCT FOR SURGICALLY TREATING THE EYE**
[54] **UTILISATION D'UN FLUIDE VISCOELASTIQUE POUR LA PREPARATION D'UN PRODUIT MEDICAL POUR LE TRAITEMENT CHIRURGICAL DE L'OEIL**
[72] FINDL, OLIVER, AT
[73] VALEANT SP. Z.O.O.SP.J., PL
[85] 2013-07-23
[86] 2012-03-05 (PCT/EP2012/053710)
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[25] EN
[54] **OBJECT IDENTIFICATION AND AUTHENTICATION**
[54] **IDENTIFICATION ET AUTHENTIFICATION D'OBJET**
[72] ROSS, DAVID JUSTIN, US
[72] ELMENHURST, BRIAN J., US
[73] ALITHEON, INC., US
[86] (2825681)
[87] (2825681)
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[25] EN
[54] **PULLOUT RESISTANT PINTLE AND ANCHORING SYSTEM UTILIZING THE SAME**
[54] **CHEVILLE ANTI-ARRACHEMENT ET SYSTEME D'ANCRAGE UTILISANT CELLE-CI**
[72] HOHMANN, RONALD P., JR., US
[73] MITEK HOLDINGS, INC., US
[86] (2826296)
[87] (2826296)
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[30] US (13/620,882) 2012-09-15

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[51] **Int.Cl. H04W 16/14 (2009.01) H04W 88/06 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR AVOIDING IN-DEVICE COEXISTENCE INTERFERENCE WITH PREFERRED FREQUENCY NOTIFICATION**
[54] **PROCEDE ET DISPOSITIF POUR EVITER DES INTERFERENCES DE COEXISTENCE A L'INTERIEUR D'UN APPAREIL PAR NOTIFICATION DE FREQUENCES PREFEREES**
[72] KOO, CHANGHOI, US
[72] LI, JUN, US
[72] HEO, YOUN HYOUNG, KR
[73] BLACKBERRY LIMITED, CA
[85] 2013-08-01
[86] 2012-02-17 (PCT/US2012/025598)
[87] (WO2012/112861)
[30] US (61/444,657) 2011-02-18
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[51] **Int.Cl. G10L 19/10 (2013.01)**
[25] EN
[54] **ENCODING AND DECODING OF PULSE POSITIONS OF TRACKS OF AN AUDIO SIGNAL**
[54] **CODAGE ET DECODAGE DES POSITIONS D'IMPULSION DES PISTES D'UN SIGNAL AUDIO**
[72] BACKSTROM, TOM, DE
[72] FUCHS, GUILLAUME, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2013-08-12
[86] 2012-02-10 (PCT/EP2012/052294)
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[25] EN
[54] **LIPOXYGENASE INHIBITORS**
[54] **INHIBITEURS DE LIPOXYGENASE**
[72] JONG, LING, US
[73] SRI INTERNATIONAL, US
[85] 2013-08-13
[86] 2012-03-26 (PCT/US2012/030595)
[87] (WO2012/135133)
[30] US (61/470,609) 2011-04-01

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[51] **Int.Cl. F16K 5/06 (2006.01) F16K 31/60 (2006.01) F16K 37/00 (2006.01)**
[25] EN
[54] **BALL VALVE WITH INTEGRATED CAM OPERATED INTERNAL MICROSWITCH**
[54] **ROBINET A BILLE DOTE D'UN MICRORUPTEUR INTERNE ACTIONNE PAR CAME INTEGREE**
[72] EVATT, S. CLAY, US
[72] CHILDERS, GREGORY S., US
[73] WABTEC HOLDING CORP., US
[85] 2013-08-14
[86] 2012-02-21 (PCT/US2012/025935)
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[30] US (13/032,935) 2011-02-23

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[51] **Int.Cl. B07B 13/16 (2006.01)**
[25] EN
[54] **FEEDER CHANNEL FOR MUD SHAKER**
[54] **CANAL D'ALIMENTATION POUR AGITATEUR DE BOUE**
[72] DAHL, BJORN, NO
[73] OPTIPRO AS, NO
[85] 2013-08-16
[86] 2011-05-16 (PCT/NO2011/000152)
[87] (WO2011/145945)
[30] NO (20100746) 2010-05-20
[30] US (61/347,258) 2010-05-21

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[13] C
[51] **Int.Cl. C10J 3/20 (2006.01) A62D 3/38 (2007.01) A62D 3/40 (2007.01) F23G 7/00 (2006.01)**
[25] EN
[54] **METHOD FOR PROCESSING USED CARBON-CONTAINING CATHODE MATERIAL**
[54] **PROCEDE POUR TRAITER DU MATERIAU CATHODIQUE USAGE CONTENANT DU CARBONE**
[72] EDLINGER, ALFRED, AT
[72] DAIMER, JOHANN, DE
[73] SGL CARBON SE, DE
[85] 2013-08-19
[86] 2012-02-22 (PCT/EP2012/053006)
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[13] C
[51] **Int.Cl. G01N 1/22 (2006.01) G01N 1/02 (2006.01) G01N 31/22 (2006.01)**
[25] EN
[54] **SAMPLING CONTAINER FOR COLLECTION OF FLUIDS**
[54] **RECIPIENT D'ECHANTILLONNAGE POUR COLLECTE DE FLUIDES**
[72] COLEMAN, TODD, CH
[72] RICE, CORBEN, CH
[72] COLEMAN, DENNIS, CH
[73] WEATHERFORD SWITZERLAND TRADING AND DEVELOPMENT GMBH, CH
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[54] **INSPECTION DE LA SURFACE D'UN ELEMENT A PROFIL AERODYNAMIQUE INTELLIGENT**
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[72] MA, KONG, US
[72] MORIARTY, ROBERT, US
[73] ROLLS-ROYCE CORPORATION, US
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[54] **BOTTLE DRYING STAND**
[54] **SUPPORT DE SECHAGE DE BOUTEILLES**
[72] YESSIN, JULIE L., US
[73] DART INDUSTRIES INC., US
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[54] **INFORMATION MONITORING APPARATUS AND INFORMATION MONITORING METHOD**
[54] **DISPOSITIF DE SURVEILLANCE D'INFORMATIONS ET PROCEDE DE SURVEILLANCE D'INFORMATIONS**
[72] ITO, NAOKO, JP
[73] NEC CORPORATION, JP
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[72] PECKHAM, JASON D., US
[73] WABTEC HOLDING CORP., US
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[54] **CROSS-COMPILING SWF TO HTML USING AN INTERMEDIATE FORMAT**
[54] **COMPILATION CROISEE DE SWF EN HTML A L'AIDE D'UN FORMAT INTERMEDIAIRE**
[72] SENSTER, PIETER, GB
[73] GOOGLE INC., US
[85] 2013-09-26
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[25] EN
[54] **SUBSTITUTED AZOLES, ANTI-VIRAL ACTIVE INGREDIENT, PHARMACEUTICAL COMPOSITION, METHOD FOR THE PRODUCTION AND USE THEREOF**
[54] **AZOLES SUBSTITUES, INGREDIENT ACTIF ANTIVIRAL, COMPOSITION PHARMACEUTIQUE ET LEUR PROCEDE DE PREPARATION ET D'UTILISATION**
[72] BICHKO, VADIM VASILIEVICH, US
[72] MITKIN, OLEG DMITRIEVICH, RU
[72] IVACHTCHENKO, ALEXANDRE VASILIEVICH, US
[73] SAVCHUK, NIKOLAY FILIPPOVICH, US
[73] IVASHCHENKO, ANDREY ALEXANDROVICH, RU
[73] IVACHTCHENKO, ALEXANDRE VASILIEVICH, US
[73] ALLA CHEM, LLC, US
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[54] **ILLUMINATED MICROSURGICAL INSTRUMENT INCLUDING OPTICAL FIBER WITH BEVELED END FACE**
[54] **INSTRUMENT MICROCHIRURGICAL ECLAIRE COMPRENANT UNE FIBRE OPTIQUE AVEC SURFACE D'EXTREMITE BISEAUTEE**
[72] YADLOWSKY, MICHAEL J., US
[72] PAPAC, MICHAEL JAMES, US
[72] LASSALAS, BRUNO, US
[73] ALCON RESEARCH, LTD., US
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[54] **TAMPON ABSORBANT**
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[73] PET FOOD EXPRESS, US
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[54] **INDICATEUR DE TEMPERATURE INTERNE**
[72] PARKER, ROBERT, US
[73] VOLK ENTERPRISES, INC., US
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[54] **SWITCH**
[54] **COMMUTATEUR**
[72] UITTO, OSKARI, FI
[72] SUUTARINEN, AKI, FI
[72] KOLMONEN, RAINER, FI
[73] ABB OY, FI
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[54] **SYSTEME ET PROCEDE POUR ACCEDER A DES RESEAUX PRIVES**
[72] ROSATI, ANTHONY, CA
[72] VANSTONE, SCOTT ALEXANDER, CA
[72] PECEN, MARK E., CA
[73] BLACKBERRY LIMITED, CA
[73] CERTICOM CORP., CA
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[54] **TIME WARP ACTIVATION SIGNAL PROVIDER, AUDIO SIGNAL ENCODER, METHOD FOR PROVIDING A TIME WARP ACTIVATION SIGNAL, METHOD FOR ENCODING AN AUDIO SIGNAL AND COMPUTER PROGRAMS**
[54] **DISPOSITIF DE FOURNITURE DE SIGNAUX D'ACTIVATION D'ALIGNEMENT TEMPOREL, CODEUR DE SIGNAUX AUDIO, PROCEDE DE FOURNITURE DE SIGNAUX D'ACTIVATION D'ALIGNEMENT TEMPOREL, PROCEDE DE CODAGE D'UN SIGNAL AUDIO ET PROGRAMMES INFORMATIQUES**
[72] BAYER, STEFAN, DE
[72] DISCH, SASCHA, DE
[72] GEIGER, RALF, DE
[72] FUCHS, GUILLAUME, DE
[72] NEUENDORF, MAX, DE
[72] SCHULLER, GERALD, DE
[72] EDLER, BERND, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **MULTI-PORT NORMALLY OPEN MODULAR VALVE WITH THREAD-IN SEAT**
[54] **VALVE MODULAIRE NORMALEMENT OUVERTE A ORIFICES MULTIPLES AVEC SIEGE FILETE**
[72] JAMISON, MICHAEL, US
[72] SIMMONDS, JEFFREY, US
[73] MAC VALVES, INC., US
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[87] (2837070)
[22] 2013-12-17
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[54] **MAGNETIC TESTING METHOD AND APPARATUS**
[54] **PROCEDE DE DETECTION DES DEFAUTS MAGNETIQUES ET DETECTEUR AFFERENT**
[72] SUZUMA, TOSHIYUKI, JP
[72] NAKAO, YOSHIYUKI, JP
[72] SAKAMOTO, MAKOTO, JP
[72] OOTA, YOSHIYUKI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **SYSTEM AND METHOD OF LOADING A TRANSACTION CARD AND PROCESSING REPAYMENT ON A MOBILE DEVICE**
[54] **SYSTEME ET PROCEDE DE CHARGEMENT D'UNE CARTE DE TRANSACTION ET DE TRAITEMENT D'UN REMBOURSEMENT SUR UN DISPOSITIF MOBILE**
[72] KUSHEVSKY, MIKHAIL, CA
[72] FAINSHTEIN, MICHAEL, CA
[72] MARTINSONS, VALDIS ANDRIS, CA
[73] XROMB INC., CA
[85] 2013-11-27
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[54] **FOOD PREPARATION TABLE HAVING A COOLING CHAMBER**
[54] **TABLE DE PREPARATION D'ALIMENT COMPORTANT UNE CHAMBRE DE REFROIDISSEMENT**
[72] MAJORDY, MOE H., US
[72] SEISS, RICHARD A., US
[73] THE DELFIELD COMPANY, LLC, US
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[54] **SUPPORT FRAME AND DISPLAY DEVICE INCLUDING THE SAME**
[54] **CADRE DE SUPPORT ET ECRAN DE VISUALISATION LE COMPRENANT**
[72] PARK, JAE HOO, KR
[72] KIM, EUI SEOK, KR
[72] JUNG, HYUN JUN, KR
[72] CHOI, SU-AN, KR
[72] HWANG, KWANG, SUNG, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **BOUCHON A VIS**
[72] MARTINENGO, HERVE, FR
[73] AMCOR FLEXIBLES CAPSULES FRANCE, FR
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[54] **SOUPAPE MODULAIRE A ORIFICES MULTIPLES A LOGEMENT D'ENCLIQUETAGE**
[72] JAMISON, MICHAEL, US
[72] SIMMONDS, JEFFREY, US
[72] WILLIAMS, KEVIN C., US
[73] MAC VALVES, INC., US
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[54] **METHODS FOR MONITORING THE FORMATION AND TRANSPORT OF AN ACIDIZING FLUID USING OPTICOANALYTICAL DEVICES**
[54] **PROCEDES PERMETTANT DE SURVEILLER LA FORMATION ET LE TRANSPORT D'UN FLUIDE ACIDIFIANT A L'AIDE DE DISPOSITIFS OPTICO-ANALYTIQUES**
[72] FREESE, ROBERT P., US
[72] JONES, CHRISTOPHER M., US
[72] PELLETIER, MICHAEL T., US
[72] DAUSSIN, RORY D., US
[72] HAYWORTH, ROBERT D., US
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[54] **DOWNHOLE TOOL AND METHOD OF USE**
[54] **OUTIL DE FOND ET PROCEDE D'UTILISATION**
[72] VANLUE, DUKE, US
[73] DOWNHOLE TECHNOLOGY LLC, US
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[54] **APPARATUS AND METHOD FOR MANUFACTURING FIELD-POLE MAGNET**
[54] **DISPOSITIF POUR PRODUIRE UN AIMANT PIECE POLAIRE ET PROCEDE DE FABRICATION ASSOCIE**
[72] KOIKE, YASUHISA, JP
[72] NISHIMURA, KIMIO, JP
[72] TAKEUCHI, HIROHARU, JP
[72] ISHIGURO, KUNITOMO, JP
[72] HASEGAWA, KIYOSHI, JP
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[73] NISSAN MOTOR CO., LTD., JP
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[54] **MOUSSE DE POLYURETHANE PULVERISABLE CARACTERISEE PAR UNE FAIBLE DENSITE ET DES EMISSIONS REDUITES**
[72] BURDENIUC, JUAN JESUS, US
[72] TOBIAS, JAMES DOUGLAS, US
[72] KELLER, RENEE JO, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
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[54] **QUINAZOLINONE ANALOGS AND USE OF QUINAZOLINONE ANALOGS FOR TREATING OR PREVENTING CERTAIN VIRAL INFECTIONS**
[54] **ANALOGUES DE QUINAZOLINONE ET UTILISATION D'ANALOGUES DE QUINAZOLINONE POUR LE TRAITEMENT OU LA PREVENTION DE CERTAINES INFECTIONS VIRALES**
[72] HEIL, MARINTHIA L., US
[72] COSFORD, NICHOLAS D.P., US
[72] ARDECKY, ROBERT, US
[72] ZOU, JIWEN, US
[73] SOUTHERN RESEARCH INSTITUTE, US
[73] SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE, US
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[54] **SURFACE-TREATED CALCIUM CARBONATE FOR BINDING AND BIOREMEDIATING HYDROCARBON-CONTAINING COMPOSITIONS**
[54] **CARBONATE DE CALCIUM TRAITE EN SURFACE POUR LIAISON ET BIORESTAURATION DE COMPOSITIONS CONTENANT DES HYDROCARBURES**
[72] DI MAIUTA, NICOLA, CH
[72] SCHWARZENTRUBER, PATRICK, CH
[72] SKOVBY, MICHAEL, CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2014-02-04
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[54] **COMPOSITION PHARMACEUTIQUE RENFERMANT DES DERIVES D'ETHANEDIAMIDE**
[72] ISHIDOH, KOICHI, JP
[72] MATSUURA, KAZUHIRO, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
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[54] **BANC POUR BAIGNOIRE DOTE D'UNE RALLONGE DE TRANSFERT LATERALE**
[72] NELSON, MICHAEL, US
[73] HOME DEPOT INTERNATIONAL, INC., US
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[25] EN
[54] **CHANNEL ANCHOR WITH INSULATION HOLDER AND ANCHORING SYSTEM USING THE SAME**
[54] **ANCRAGE A GORGE AVEC DISPOSITIF DE MAINTIEN DE MATERIAU ISOLANT ET SYSTEME D'ANCRAGE L'UTILISANT**
[72] HOHMANN, RONALD P., JR., US
[73] MITEK HOLDINGS, INC., US
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[54] **METHODS OF PRODUCING A TITANIUM DIOXIDE PIGMENT AND IMPROVING THE PROCESSABILITY OF TITANIUM DIOXIDE PIGMENT PARTICLES**
[54] **PROCEDES DE PRODUCTION D'UN PIGMENT DE DIOXYDE DE TITANE ET D'AMELIORATION DE L'APTITUDE A LA TRANSFORMATION DES PARTICULES DE DIOXYDE DE TITANE**
[72] PANJNANI, KAMLESH G., US
[72] MARSHALL, DAVID F., US
[72] ELLIOTT, JEFFREY D., US
[73] TRONOX LLC, US
[85] 2014-02-25
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[25] EN
[54] **OCCLUSIVE DEVICES WITH ANCHORS EXTENDING FROM PERIPHERAL EDGE OF THE OCCLUSIVE FACE**
[54] **DISPOSITIFS OCCLUSIFS DOTES D'ELEMENTS D'ANCRAGE S'ETENDANT DU BORD PERIPHERIQUE DE LA FACE OCCLUSIVE**
[72] LARSEN, COBY C., US
[72] MASTERS, STEVEN J., US
[72] SHAW, EDWARD E., US
[73] W.L. GORE & ASSOCIATES, INC., US
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[54] **ACTUATOR FOR OPENING AND CLOSING LID FOR BULK STORAGE BIN**
[54] **ACTIONNEUR POUR OUVRIR ET FERMER UN COUVERCLE D'UN BAC DE STOCKAGE EN VRAC**
[72] KIRCHHOFF, DAVID ALAN, US
[73] BAK ENTERPRISES, LLC, US
[86] (2847047)
[87] (2847047)
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[54] **ANNEAU LIMITE COMPOSITE**
[72] LEVIE, WILLIAM IAIN ELDER, US
[72] LEVIE, DAVID, CH
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-03-07
[86] 2012-09-07 (PCT/US2012/054153)
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[54] **AGRICULTURAL PESTICIDE COMPOSITIONS**
[54] **COMPOSITIONS DE PESTICIDE AGRICOLES**
[72] GOYAL, RAJESH, US
[72] SHANMUGA, KRISH MURTHY, US
[73] RHODIA OPERATIONS, FR
[85] 2014-03-12
[86] 2012-09-12 (PCT/US2012/054815)
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[51] **Int.Cl. B25B 23/147 (2006.01) B25B 23/14 (2006.01) G05B 19/409 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM OF USING AN USB USER INTERFACE IN AN ELECTRONIC TORQUE WRENCH**
[54] **PROCEDE ET SYSTEME D'UTILISATION D'UNE INTERFACE UTILISATEUR USB DANS UNE CLE DYNAMOMETRIQUE ELECTRONIQUE**
[72] LI, JIE, US
[72] KING, JERRY A., US
[72] WU, TINGWEN, US
[72] LEE, NATHAN J., US
[73] SNAP-ON INCORPORATED, US
[86] (2849526)
[87] (2849526)
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[30] US (13/888,685) 2013-05-07

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[51] **Int.Cl. G08B 13/196 (2006.01) G06T 7/20 (2017.01)**
[25] EN
[54] **METHODS AND SYSTEM FOR STABILIZING LIVE VIDEO IN THE PRESENCE OF LONG-TERM IMAGE DRIFT**
[54] **PROCEDES ET SYSTEME DE STABILISATION DE VIDEO EN DIRECT EN PRESENCE DE DERIVE D'IMAGE A LONG TERME**
[72] STRINE, LLOYD, US
[72] BOBICK, AARON, US
[72] BRAGG, JEFFREY, US
[73] SIEMENS SCHWEIZ AG, CH
[85] 2014-03-28
[86] 2012-09-19 (PCT/US2012/056021)
[87] (WO2013/048837)
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[25] EN
[54] **METHOD OF RECOVERING CARBON DIOXIDE AND RECOVERY APPARATUS**
[54] **PROCEDE DE RECUPERATION DE DIOXYDE DE CARBONE ET DISPOSITIF DE RECUPERATION**
[72] NAKAMURA, SHIKO, JP
[72] YAMANAKA, YASURO, JP
[72] OKUNO, SHINYA, JP
[73] IHI CORPORATION, JP
[85] 2014-04-09
[86] 2012-10-09 (PCT/JP2012/076073)
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[25] EN
[54] **APPARATUS FOR THE PRETREATMENT AND SUBSEQUENT CONVEYING, PLASTIFICATION, OR AGGLOMERATION OF PLASTICS**
[54] **APPAREIL DE PRETRAITEMENT ET DE TRANSPORT SUBSEQUENT, PLASTIFICATION OU AGGLOMERATION DE PLASTIQUES**
[72] FEICHTINGER, KLAUS, AT
[72] HACKL, MANFRED, AT
[73] EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H., AT
[85] 2014-04-14
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[54] **HIGH EFFICIENT NIGHT COVER**
[54] **COUVERCLE DE NUIT A HAUTE EFFICACITE**
[72] NGUYEN, KEN, US
[73] HUSSMANN CORPORATION, US
[86] (2852338)
[87] (2852338)
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[54] **MASONRY BLOCK SYSTEM**
[54] **SYSTEME DE BLOC DE MACONNERIE**
[72] GENEST, CHRISTOPHER, US
[72] GENEST, MATTHEW, US
[73] GENEST, CHRISTOPHER, US
[73] GENEST, MATTHEW, US
[85] 2014-04-16
[86] 2012-06-06 (PCT/US2012/041083)
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[25] EN
[54] **SYSTEMS AND METHODS FOR EFFECTING GOOD HYGIENE PRACTICES**
[54] **SYSTEMES ET PROCEDES POUR EXECUTER DE BONNES PRATIQUES D'HYGIENE**
[72] TENARVITZ, HENRY J., US
[72] GAISSER, GARY, US
[73] VERSUS TECHNOLOGY, INC., US
[85] 2014-04-22
[86] 2012-11-08 (PCT/US2012/064113)
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[30] US (61/557,163) 2011-11-08
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[25] EN
[54] **INDEXABLE CUTTING INSERT AND CUTTING TOOL THEREFOR**
[54] **PLAQUETTE DE COUPE INDEXABLE ET OUTIL DE COUPE ASSOCIE**
[72] HECHT, GIL, IL
[73] ISCAR LTD., IL
[85] 2014-04-24
[86] 2012-11-19 (PCT/IL2012/050463)
[87] (WO2013/088433)
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[54] **ABNORMAL BATTERY DETECTING SYSTEM AND ABNORMAL BATTERY DETECTING METHOD FOR BATTERY MODULE**
[54] **SYSTEME DE DETECTION D'ANOMALIE POUR MODULE DE BATTERIE ET SON PROCEDE DE DETECTION**
[72] WEN, CHUNG-WEI, CN
[73] ALEEES ECO ARK (CAYMAN) CO. LTD., KY
[85] 2014-05-06
[86] 2012-11-07 (PCT/CN2012/084208)
[87] (WO2013/067930)
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[54] **VIRTUAL NETWORK INTERFACE OBJECTS**
[54] **OBJETS VIRTUELS D'INTERFACE RESEAU**
[72] SCHULTZE, ERIC W., US
[72] THOMPSON, AARON C., US
[72] GANGULY, ARIJIT, US
[72] IYER, PADMINI C., US
[72] HOLGERS, TOBIAS L., US
[72] LEFELHOCZ, CHRISTOPHER J., US
[72] SEARLE, IAN R., US
[73] AMAZON TECHNOLOGIES, INC., US
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[86] 2012-11-16 (PCT/US2012/065429)
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[54] **LIFT SKATE FOR SNOW PLOW**
[54] **PATIN DE LEVEE POUR GRATTE DE DENEIGEMENT**
[72] LELIEVRE, BRUNO, CA
[73] LELIEVRE, BRUNO, CA
[86] (2856897)
[87] (2856897)
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[25] EN
[54] **CELLULOSE-SOLVENT-BASED LIGNOCELLULOSE FRACTIONATION WITH MODEST REACTION CONDITIONS AND REAGENT RECYCLING**
[54] **FRACTIONNEMENT DE LIGNOCELLULOSE A BASE DE SOLVANT EN CELLULOSE AVEC DES CONDITIONS DE REACTION SIMPLES ET UN CYCLAGE DE REACTIF**
[72] ZHANG, PERCIVAL YI-HENG, US
[73] VIRGINIA TECH INTELLECTUAL PROPERTIES, INC., US
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[54] **STRESS SUPPRESSING STRUCTURE FOR ELECTROLYTE MEMBRANE OF FUEL CELL**
[54] **STRUCTURE DE SUPPRESSION DE CONTRAINTE POUR MEMBRANE ELECTROLYTIQUE DE PILE A COMBUSTIBLE**
[72] HIRASAWA, RIRA, JP
[72] WATANABE, YOSHIKAZU, JP
[72] NAKANISHI, JUNJI, JP
[72] OSUKA, SHIGEKI, JP
[72] YOSHIKAWA, HIROO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2014-05-27
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[25] EN
[54] **SURFACE MODIFIED CONTACT LENSES**
[54] **LENTILLES DE CONTACT A SURFACE MODIFIEE**
[72] ZHANG, ZHENG, US
[72] COOK, ALONZO, US
[72] SCHULTZ, KAREN ANN, US
[72] LI, JUN, US
[72] SKINNER, MATT, US
[72] WEINSTOCK, B. ANDRE, US
[72] GUINEY, LINDA M., US
[72] WANG, HAO, US
[72] LOOSE, CHRISTOPHER R., US
[72] COURY, ARTHUR J., US
[73] ARROW INTERNATIONAL, INC., US
[85] 2014-06-09
[86] 2012-12-14 (PCT/US2012/069846)
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[30] US (61/570,792) 2011-12-14

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[51] **Int.Cl. B65G 45/16 (2006.01)**
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[54] **AN IMPROVED BELT SCRAPER MOUNTING**
[54] **MONTAGE DE RACLEUR DE BANDE AMELIORE**
[72] ROY, SAROJ KUMAR, IN
[73] TEGA INDUSTRIES LIMITED, IN
[85] 2014-06-25
[86] 2012-11-20 (PCT/IN2012/000756)
[87] (WO2013/105111)
[30] IN (22/KOL/2012) 2012-01-09

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[51] **Int.Cl. C07D 417/14 (2006.01)**
[25] EN
[54] **PYRROLIDINE-2-CARBOXYLIC ACID (2-OXAZOL-2YL-4-PHENYL-THIAZOL-5-YL)-AMIDE COMPOUNDS AND USES THEREOF AS INHIBITORS OF IAP**
[54] **COMPOSES D'ACIDE PYRROLIDINE-2-CARBOXYLIQUE (2-OXAZOL-2YL-4-PHENYL-THIAZOL-5-YL)-AMIDE ET LEURS UTILISATIONS COMME INHIBITEUR D'IAP**
[72] COHEN, FREDERICK, US
[72] GAZZARD, LEWIS J., US
[72] TSUI, VICKIE HSIAO-WEI, US
[72] FLYGARE, JOHN A., US
[73] CURIS, INC., US
[73] GENENTECH, INC., US
[85] 2014-06-25
[86] 2013-01-03 (PCT/US2013/020124)
[87] (WO2013/103703)
[30] US (61/582,760) 2012-01-03

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[51] **Int.Cl. B23K 9/095 (2006.01) B23K 31/12 (2006.01)**
[25] EN
[54] **DEVICE FOR AND METHODS OF MONITORING A SPATTER GENERATING EVENT DURING WELDING BY ANALYZING SPATTER GENERATING EVENTS**
[54] **DISPOSITIF ET PROCEDES DE SURVEILLANCE D'UN EVENEMENT DE GENERATION DE PROJECTIONS LORS DU SOUDAGE, PAR ANALYSE D'EVENEMENTS DE GENERATION DE PROJECTIONS**
[72] HUTCHISON, RICHARD MARTIN, US
[72] HOLVERSON, TODD EARL, US
[72] UECKER, JAMES LEE, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2014-06-30
[86] 2013-03-28 (PCT/US2013/034229)
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[25] EN
[54] **HOT STAMPED STEEL AND METHOD FOR PRODUCING THE SAME**
[54] **ARTICLE MOULE PAR ESTAMPAGE A CHAUD ET SON PROCEDE DE PRODUCTION**
[72] NONAKA, TOSHIKI, JP
[72] KATO, SATOSHI, JP
[72] KAWASAKI, KAORU, JP
[72] TOMOKIYO, TOSHIMASA, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-07-09
[86] 2013-01-11 (PCT/JP2013/050377)
[87] (WO2013/105631)
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[51] **Int.Cl. E21B 7/136 (2006.01) E21B 17/01 (2006.01)**
[25] EN
[54] **RISER PROTECTION STRUCTURES**
[54] **STRUCTURES DE PROTECTION DE COLONNE MONTANTE**
[72] FOO, KOK SENG, SG
[72] PERRY, MICHAEL JOHN, SG
[72] QUAH, CHIN KAU MATTHEW, SG
[72] WANG, CYNTHIA, SG
[72] SHAFER, RANDALL SCOTT, US
[72] NOBLE, PETER, US
[72] BERTA, DOMINIC P., US
[73] KEPPEL OFFSHORE & MARINE TECHNOLOGY CENTRE PTE LTD, SG
[73] CONOCOPHILLIPS COMPANY, US
[85] 2014-08-06
[86] 2013-02-15 (PCT/SG2013/000061)
[87] (WO2013/122547)
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[51] **Int.Cl. G01R 35/00 (2006.01) G01R 27/32 (2006.01)**
[25] EN
[54] **VECTORIAL NETWORK ANALYSER**
[54] **ANALYSEUR VECTORIEL DE RESEAU**
[72] ENTSFELLNER, CHRISTIAN, DE
[72] HEUERMANN, HOLGER, DE
[73] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
[85] 2014-08-12
[86] 2013-03-25 (PCT/EP2013/000899)
[87] (WO2013/143681)
[30] DE (10 2012 006 195.1) 2012-03-27

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[51] **Int.Cl. H04L 1/22 (2006.01) H04W 80/02 (2009.01) H04N 19/89 (2014.01) H04L 1/24 (2006.01)**
[25] EN
[54] **LOW DENSITY PARITY CHECK ENCODER, AND LOW DENSITY PARITY CHECK ENCODING METHOD USING THE SAME**
[54] **CODEUR DE VERIFICATION DE PARITE A FAIBLE DENSITE ET PROCEDE DE CODAGE DE VERIFICATION DE PARITE A FAIBLE DENSITE EMPLOYANT LEDIT CODEUR**
[72] PARK, SUNG-IK, KR
[72] KIM, HEUNG-MOOK, KR
[72] KWON, SUN-HYOUNG, KR
[72] HUR, NAM-HO, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[86] (2864642)
[87] (2864642)
[22] 2014-09-25
[30] KR (10-2014-0111764) 2014-08-26
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[51] **Int.Cl. A61K 9/20 (2006.01) A61K 31/485 (2006.01) A61K 45/06 (2006.01)**
[25] EN
[54] **IMMEDIATE RELEASE, ABUSE DETERRENT PHARMACEUTICAL COMPOSITIONS**
[54] **COMPOSITIONS PHARMACEUTIQUES DISSUASIVES D'ABUS, A LIBERATION IMMEDIATE**
[72] RAMAN, SIVA N., US
[72] PARK, JAE HAN, US
[72] DIEZI, THOMAS A., US
[72] HERMAN, CLIFFORD J., US
[72] BATTU, SUNIL K., US
[72] BURGE, ERIC A., US
[73] MALLINCKRODT LLC, US
[85] 2014-08-14
[86] 2013-04-18 (PCT/US2013/037056)
[87] (WO2013/158814)
[30] US (61/625,926) 2012-04-18
[30] US (61/792,478) 2013-03-15

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[51] **Int.Cl. G01N 27/62 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR ION MOBILITY SPECTROMETRY**
[54] **APPAREIL ET PROCEDES POUR SPECTROMETRIE DE MOBILITE IONIQUE**
[72] MAKAROV, ALEXANDER, DE
[73] THERMO FISHER SCIENTIFIC (BREMEN) GMBH, DE
[85] 2014-08-15
[86] 2013-02-14 (PCT/EP2013/052994)
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[13] C
[51] **Int.Cl. G01N 21/35 (2014.01)**
[25] EN
[54] **COLLISIONAL BROADENING COMPENSATION USING REAL OR NEAR-REAL TIME VALIDATION IN SPECTROSCOPIC ANALYZERS**
[54] **COMPENSATION DE L'ELARGISSEMENT PAR COLLISIONS UTILISANT UNE VALIDATION EN TEMPS REEL OU QUASI-REEL DANS DES ANALYSEURS SPECTROSCOPIQUES**
[72] FEITISCH, ALFRED, US
[72] LIU, XIANG, US
[72] HUANG, HSU-HUNG, US
[72] JI, WENHAI, US
[72] CLINE, RICHARD L., US
[73] SPECTRASENSORS, INC., US
[85] 2014-08-26
[86] 2013-03-21 (PCT/US2013/033383)
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[13] C
[51] **Int.Cl. B29C 45/14 (2006.01)**
[25] EN
[54] **METAL INSERT-MOLDED ARTICLE HAVING SEALABILITY, ELECTRONIC COMPONENT HAVING SEALABILITY AND PROVIDED WITH SAID METAL INSERT-MOLDED ARTICLE, AND METHOD FOR PRODUCING METAL INSERT-MOLDED ARTICLE HAVING SEALABILITY**
[54] **ARTICLE MOULE AVEC INSERT METALLIQUE DOTE D'UNE CAPACITE D'ADHERENCE, COMPOSANT ELECTRONIQUE DOTE D'UNE CAPACITE D'ADHERENCE ET EQUIPE DUDIT ARTICLE MOULE AVEC INSERT METALLIQUE, ET PROCEDE DE PRODUCTION D'ARTICLE MOULE AVEC INSERT METALLIQUE DOTE D'UNE CAPACITE D'ADHERENCE**
[72] TOYOTA, RYO, JP
[72] KITAMURA, KYOJI, JP
[72] YAMAMOTO, KOJI, JP
[72] NISHIDA, TOMOYUKI, JP
[73] OMRON CORPORATION, JP
[85] 2014-09-03
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[25] EN
[54] **SYSTEM AND METHOD FOR COORDINATING MOVEMENT OF MOBILE DRIVE UNITS**
[54] **SYSTEME ET PROCEDE POUR COORDONNER LE DEPLACEMENT D'UNITES DE COMMANDE**
[72] D'ANDREA, RAFFAELLO, US
[72] WURMAN, PETER R., US
[72] BARBEHENN, MICHAEL T., US
[72] HOFFMAN, ANDREW E., US
[72] MOUNTZ, MICHAEL, US
[73] AMAZON TECHNOLOGIES, INC., US
[86] (2866664)
[87] (2866664)
[22] 2007-06-08
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[30] US (11/425,073) 2006-06-19

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[25] EN
[54] **SYSTEMS AND METHODS FOR IDENTIFYING PRODUCT RECOMMENDATIONS BASED ON INVESTMENT PORTFOLIO DATA**
[54] **SYSTEMES ET PROCEDES POUR DETERMINER DES RECOMMANDATIONS DE PRODUITS EN FONCTION DE DONNEES DE PORTEFEUILLE DE PLACEMENT**
[72] GLOBE, MICHAEL E., CA
[72] AL-SAMADI, MAZIN, CA
[72] VAN HEERDEN, LAUREN, US
[72] NADARAJAH, GUNALAN, CA
[72] DEL VECCHIO, ORIN, CA
[72] CUMMINS, MICHAEL D., CA
[72] SIVASHANMUGAM, PRABAHARAN, US
[73] THE TORONTO-DOMINION BANK, CA
[86] (2866675)
[87] (2866675)
[22] 2014-10-09
[30] US (61/888,641) 2013-10-09

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[51] **Int.Cl. A01D 34/63 (2006.01)**
[25] EN
[54] **TRIMMER HEAD**
[54] **TETE DE COUPE**
[72] LI, HANZHENG, CN
[72] YAMAOKA, TOSHINARI, CN
[73] CHERVON INTELLECTUAL PROPERTY LIMITED, VG
[86] (2869537)
[87] (2869537)
[22] 2014-11-04
[30] CN (201310542646.8) 2013-11-05
[30] US (14/529,405) 2014-10-31

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[13] C
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **ADJUSTABLE FLOW CONTROL DEVICE**
[54] **DISPOSITIF DE COMMANDE D'ECOULEMENT REGLABLE**
[72] LOPEZ, JEAN MARC, US
[72] GRECI, STEPHEN MICHAEL, US
[72] HOLDERMAN, LUKE WILLIAM, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[86] 2013-02-20 (PCT/US2013/026764)
[87] (WO2013/154682)
[30] US (13/443,859) 2012-04-10

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[51] **Int.Cl. H02J 13/00 (2006.01) H02H 99/00 (2009.01) E04H 5/04 (2006.01) G06F 17/50 (2006.01) H02B 15/02 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **MODULAR SUBSTATION PROTECTION AND CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE ET DE PROTECTION DE SOUS-STATION MODULAIRE**
[72] SHAW, AARON, US
[72] THAKUR, MANISH, US
[73] AEP TRANSMISSION HOLDING COMPANY, LLC, US
[85] 2014-10-15
[86] 2013-06-19 (PCT/US2013/046668)
[87] (WO2013/192359)
[30] US (61/661,707) 2012-06-19

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[13] C
[51] **Int.Cl. G01N 17/02 (2006.01) G01N 27/416 (2006.01)**
[25] FR
[54] **ANALYSIS METHOD FOR QUANTIFYING A LEVEL OF CLEANLINESS OF A SURFACE OF A PART**
[54] **PROCEDE D'ANALYSE POUR QUANTIFIER UN NIVEAU DE PROPRETE D'UNE SURFACE D'UNE PIECE**
[72] COSSART, VINCENT, FR
[72] MENTIERES, GAETAN, FR
[73] MESSIER-BUGATTI-DOWTY, FR
[85] 2014-11-04
[86] 2013-05-13 (PCT/EP2013/059823)
[87] (WO2013/171163)
[30] FR (1254380) 2012-05-14

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[13] C
[51] **Int.Cl. G01W 1/00 (2006.01) F03D 80/00 (2016.01)**
[25] EN
[54] **WEATHER PREDICTING METHOD, WEATHER PREDICTING APPARATUS, AND AIR UTILILZING APPARATUS**
[54] **PROCEDE DE REPRODUCTION METEOROLOGIQUE, DISPOSITIF DE REPRODUCTION METEOROLOGIQUE, ET DISPOSITIF D'UTILISATION DE L'AIR**
[72] SAKURAI, TATSUYA, JP
[72] SATAKE, SHINSUKE, JP
[72] KADO, KENICHIRO, JP
[72] KUBOTA, KEI, JP
[72] HU, XIDONG, JP
[72] YAMAMURO, KEITA, JP
[72] KAKUTANI, YUZURU, JP
[72] ASAKA, TERU, JP
[73] JGC CORPORATION, JP
[85] 2014-11-07
[86] 2012-10-11 (PCT/JP2012/076318)
[87] (WO2014/020778)
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[51] **Int.Cl. G06Q 10/10 (2012.01) H04W 4/00 (2009.01) H04W 4/12 (2009.01)**
[25] EN
[54] **SCHEDULING EVENTS FROM ELECTRONIC MESSAGES**
[54] **PROGRAMMATION D'EVENEMENTS A PARTIR DE MESSAGES ELECTRONIQUES**
[72] ADAMS, NEIL, CA
[72] VANDER VEEN, RAYMOND, CA
[73] BLACKBERRY LIMITED, CA
[86] (2873151)
[87] (2873151)
[22] 2006-08-01
[62] 2,610,648
[30] US (60/719,966) 2005-09-26

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[51] **Int.Cl. G06F 17/27 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CREATING STRUCTURED EVENT OBJECTS**
[54] **SYSTEME ET PROCEDE POUR CREER DES OBJETS D'EVENEMENTS STRUCTURES**
[72] AGARWAL, PUNEET, IN
[72] VAITHIYANATHAN, RAJGOPAL, IN
[72] SHROFF, GAUTAM, IN
[73] TATA CONSULTANCY SERVICES LIMITED, IN
[85] 2014-11-17
[86] 2013-03-22 (PCT/IN2013/000192)
[87] (WO2013/171758)
[30] IN (1529/MUM/2012) 2012-05-18

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[13] C
[51] **Int.Cl. G06Q 20/34 (2012.01) G06F 21/77 (2013.01) G07F 7/10 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR SECURING AND MANAGING APPLICATIONS ON SECURE ELEMENTS**
[54] **SYSTEMES, PROCEDES ET PROGICIELS INFORMATIQUES POUR LA SECURISATION ET LA GESTION D'APPLICATIONS SUR DES ELEMENTS SECURISES**
[72] WATSON, CURTIS W., US
[73] GOOGLE INC., US
[85] 2014-11-24
[86] 2013-04-05 (PCT/US2013/035406)
[87] (WO2014/031183)
[30] US (61/693,089) 2012-08-24

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[13] C
[51] **Int.Cl. F27D 3/16 (2006.01) B01F 3/04 (2006.01) B01F 15/02 (2006.01)**
[25] EN
[54] **GAS PURGING ELEMENT AND CORRESPONDING GAS SUPPLY LINE**
[54] **ELEMENT DE PURGE DE GAZ ET CONDUITE D'AMENEE DE GAZ CORRESPONDANTE**
[72] TRUMMER, BERND, AT
[72] KLIKOVICH, MICHAEL, AT
[72] KULP, ROMAN, AT
[72] KNEIS, LEOPOLD, AT
[73] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT
[85] 2014-12-11
[86] 2013-08-07 (PCT/EP2013/066531)
[87] (WO2014/032923)
[30] EP (12181902.3) 2012-08-27

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[13] C
[51] **Int.Cl. B64C 27/33 (2006.01) B64C 27/32 (2006.01)**
[25] EN
[54] **FLEXBEAM UNIT FOR A HINGELESS OR A HINGE- AND BEARINGLESS MULTI-BLADE ROTOR OF A ROTARY WING AIRCRAFT**
[54] **PLAQUE DE FLEXION POUR ROTOR MULTIPALE SANS PALIER OU RIGIDE ET SANS PALIER SUR UN GIRAVION**
[72] PFALLER, RUPERT, DE
[73] AIRBUS HELICOPTERS DEUTSCHLAND GMBH, DE
[86] (2877180)
[87] (2877180)
[22] 2015-01-07
[30] EP (14 400001.5) 2014-01-14

[11] **2,877,774**
[13] C
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 31/485 (2006.01)**
[25] EN
[54] **EXTENDED RELEASE, ABUSE DETERRENT PHARMACEUTICAL COMPOSITIONS**
[54] **COMPOSITIONS PHARMACEUTIQUES DE DISSUASION D'ABUS A LIBERATION PROLONGEE**
[72] GOWER, BRAD L., US
[72] CASTANEDA, CARLOS H., US
[72] PARK, JAE HAN, US
[72] HERMAN, CLIFFORD J., US
[73] MALLINCKRODT LLC, US
[85] 2014-12-22
[86] 2013-07-11 (PCT/US2013/050005)
[87] (WO2014/011830)
[30] US (61/670,751) 2012-07-12
[30] US (61/790,463) 2013-03-15

[11] **2,878,069**
[13] C
[51] **Int.Cl. B23K 9/133 (2006.01) B65H 51/10 (2006.01)**
[25] EN
[54] **DRIVE ROLL CARRIER FOR WELDING WIRE FEEDER WITH GEAR, HUB AND RETAINER FOR THE DRIVE ROLL**
[54] **SUPPORT DE DEVIDOIR POUR DISTRIBUTEUR DE FIL DE SOUDAGE COMPRENANT UN ENGRENAGE, UN MOYEU ET UN DISPOSITIF DE RETENUE POUR LE DEVIDOIR**
[72] LAHTI, THOMAS D., US
[72] MATIASH, NICHOLAS A., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2014-12-29
[86] 2013-08-22 (PCT/US2013/056266)
[87] (WO2014/031893)
[30] US (61/692,806) 2012-08-24
[30] US (13/962,511) 2013-08-08

[11] **2,878,601**
[13] C
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **PRECISION BLADE ELECTROSURGICAL INSTRUMENT**
[54] **INSTRUMENT ELECTROCHIRURGICAL DE PRECISION MUNI D'UNE LAME**
[72] BORGMEIER, PAUL R., US
[72] WALTER, BRIAN J., US
[72] GREEP, DARCY W., US
[73] MEGADYNE MEDICAL PRODUCTS, INC., US
[86] (2878601)
[87] (2878601)
[22] 2015-01-13

[11] **2,879,453**
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[51] **Int.Cl. C23C 28/02 (2006.01) C22C 5/02 (2006.01) C22C 5/04 (2006.01) C22C 5/06 (2006.01) C22C 5/08 (2006.01) C22C 5/10 (2006.01) C22C 9/00 (2006.01) C22C 9/02 (2006.01) C22C 9/04 (2006.01) C22C 9/05 (2006.01) C22C 9/06 (2006.01) C22C 13/00 (2006.01) C22C 13/02 (2006.01) C22C 19/03 (2006.01) C22C 19/07 (2006.01) C22C 22/00 (2006.01) C22C 27/06 (2006.01) C22C 28/00 (2006.01) C22C 38/00 (2006.01) C23C 14/14 (2006.01) H01B 1/02 (2006.01) H01B 5/02 (2006.01) H01B 7/00 (2006.01) H01R 13/03 (2006.01) H05K 1/09 (2006.01)**
[25] EN
[54] **METALLIC MATERIAL FOR ELECTRONIC COMPONENTS, AND CONNECTOR TERMINALS, CONNECTORS AND ELECTRONIC COMPONENTS USING SAME**
[54] **MATIERE METALLIQUE POUR COMPOSANT ELECTRONIQUE, BORNE DE CONNECTEUR OBTENUE A L'AIDE DE CELLE-CI, CONNECTEUR ET COMPOSANT ELECTRONIQUE**
[72] SHIBUYA, YOSHITAKA, JP
[72] FUKAMACHI, KAZUHIKO, JP
[72] KODAMA, ATSUSHI, JP
[73] JX NIPPON MINING & METALS CORPORATION, JP
[85] 2014-09-23
[86] 2013-01-25 (PCT/JP2013/051633)
[87] (WO2013/140850)
[30] JP (2012-068148) 2012-03-23
[30] JP (2012-112634) 2012-05-16

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[13] C
[51] **Int.Cl. F02K 1/54 (2006.01) F02K 1/76 (2006.01)**
[25] EN
[54] **THRUST-REVERSER ASSEMBLIES THAT UTILIZE ACTIVE FLOW-CONTROL AND SYSTEMS AND METHODS INCLUDING THE SAME**
[54] **ENSEMBLES INVERSEURS DE POUSSEE UTILISANT UNE COMMANDE D'ECOULEMENT ACTIF ET SYSTEMES ET PROCEDES LES COMPORTANT**
[72] PACKARD, NATHAN OWEN, US
[72] BRZOZOWSKI, DANIEL PAUL, US
[72] VANDEMARK, ZACHARIAH B., US
[72] LAU, HIN-FAN M., US
[72] SANGWIN, MICHAEL L., US
[72] ROOS, FREDERICK W., US
[73] THE BOEING COMPANY, US
[86] (2879730)
[87] (2879730)
[22] 2015-01-22
[30] US (14/260,809) 2014-04-24

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[13] C
[51] **Int.Cl. E21B 49/00 (2006.01) E21B 47/00 (2012.01) G06F 19/00 (2011.01)**
[25] EN
[54] **STRATIGRAPHIC MODELING USING PRODUCTION DATA DENSITY PROFILES**
[54] **MODELISATION STRATIGRAPHIQUE A L'AIDE DE PROFILS DE DENSITE DE DONNEES DE PRODUCTION**
[72] YARUS, JEFFREY MARC, US
[72] MAUCEC, MARKO, US
[72] CARVAJAL, GUSTAVO, US
[72] CHAMBERS, RICHARD L., US
[72] SHI, GENBAO, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2015-01-22
[86] 2013-07-19 (PCT/US2013/051387)
[87] (WO2014/018414)
[30] US (13/560,914) 2012-07-27

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[13] C
[51] **Int.Cl. E05B 15/02 (2006.01) E05B 47/00 (2006.01)**
[25] EN
[54] **ELECTRIC STRIKE ASSEMBLY**
[54] **ENSEMBLE GACHE ELECTRIQUE**
[72] SINGH, MANDEEP, CA
[72] MCMILLAN, RYAN, CA
[73] RUTHERFORD CONTROLS INT'L INC., CA
[85] 2015-01-27
[86] 2013-07-30 (PCT/CA2013/050591)
[87] (WO2014/019088)
[30] US (61/677,212) 2012-07-30

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[51] **Int.Cl. C10L 3/10 (2006.01) F25J 1/00 (2006.01) F25J 1/02 (2006.01) F25J 3/02 (2006.01) F25J 3/06 (2006.01)**
[25] EN
[54] **HEAVY HYDROCARBON REMOVAL FROM A NATURAL GAS STREAM**
[54] **ELIMINATION D'HYDROCARBURES LOURDS A PARTIR D'UN COURANT DE GAZ NATUREL**
[72] CHEN, FEI, US
[72] LUO, XUKUN, US
[72] OTT, CHRISTOPHER MICHAEL, US
[72] ROBERTS, MARK JULIAN, US
[72] KRISHNAMURTHY, GOWRI, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[85] 2015-01-28
[86] 2013-07-31 (PCT/US2013/052933)
[87] (WO2014/022510)
[30] US (PCT/US2012/049506) 2012-08-03
[30] US (13/565,881) 2012-08-03
[30] US (13/611,169) 2012-09-12

[11] **2,880,522**
[13] C
[51] **Int.Cl. F03B 13/24 (2006.01) B63B 22/20 (2006.01) B63B 38/00 (2006.01) E02B 9/08 (2006.01) F03B 13/14 (2006.01)**
[25] EN
[54] **A FLOATABLE WAVE ENERGY CONVERTER AND A METHOD FOR IMPROVING THE EFFICIENCY OF A FLOATABLE WAVE ENERGY CONVERTER**
[54] **CONVERTISSEUR D'ENERGIE DES VAGUES FLOTTABLE ET PROCEDE DESTINE A AMELIORER L'EFFICACITE D'UN TEL CONVERTISSEUR**
[72] MCCARTHY, MICHAEL JOHN MARTIN, IE
[72] WHELAN, MICHAEL MARTIN, IE
[73] MARITIME TECHNOLOGIES LIMITED, IE
[86] (2880522)
[87] (2880522)
[22] 2007-10-18
[62] 2,666,792
[30] IE (S2006/0770) 2006-10-20

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[13] C
[51] **Int.Cl. A01K 97/01 (2006.01) A01K 97/12 (2006.01)**
[25] EN
[54] **ICE FISHING TIP UP FISHING LINE SYSTEM**
[54] **SYSTEME DE LIGNE A PECHE POUR DISPOSITIF DE PECHE SUR GLACE**
[72] SCHRAMSKI, MARTIN J., US
[73] SCHRAMSKI, MARTIN J., US
[86] (2880535)
[87] (2880535)
[22] 2015-01-30
[30] US (61/933500) 2014-01-30

[11] **2,880,733**
[13] C
[51] **Int.Cl. F15B 13/043 (2006.01) E02F 9/22 (2006.01)**
[25] EN
[54] **HYDRAULIC CONTROL VALVE FOR CONSTRUCTION MACHINERY**
[54] **VANNE DE COMMANDE HYDRAULIQUE POUR ENGINS DE CHANTIER**
[72] KU, BON-SEUK, KR
[73] VOLVO CONSTRUCTION EQUIPMENT AB, SE
[85] 2015-01-30
[86] 2012-08-16 (PCT/KR2012/006507)
[87] (WO2014/027706)

[11] **2,881,369**
[13] C
[51] **Int.Cl. B23K 13/08 (2006.01) B21C 37/08 (2006.01) B23K 13/02 (2006.01) B23K 13/00 (2006.01)**
[25] EN
[54] **ELECTRIC RESISTANCE WELDED PIPE WELDING APPARATUS**
[54] **APPAREIL DE SOUDAGE DE TUYAU SOUDE PAR RESISTANCE ELECTRIQUE**
[72] HIROTA, YOSHIAKI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-02-06
[86] 2013-07-30 (PCT/JP2013/070653)
[87] (WO2014/027565)
[30] JP (2012-181054) 2012-08-17

[11] **2,881,801**
[13] C
[51] **Int.Cl. H01M 4/38 (2006.01) C22C 9/02 (2006.01)**
[25] EN
[54] **NEGATIVE ELECTRODE ACTIVE MATERIAL**
[54] **MATERIAU DE BASE ACTIF POUR ELECTRODES NEGATIVES**
[72] YAMAMOTO, SUKEYOSHI, JP
[72] NEGI, NORIYUKI, JP
[72] NAGATA, TATSUO, JP
[72] MORIGUCHI, KOJI, JP
[72] YONEMURA, MITSUHARU, JP
[72] KAKESHITA, TOMOYUKI, JP
[72] TERAI, TOMOYUKI, JP
[72] FUKUDA, TAKASHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-02-12
[86] 2013-08-27 (PCT/JP2013/005061)
[87] (WO2014/034104)
[30] JP (2012-186159) 2012-08-27

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[13] C
[51] **Int.Cl. A61K 8/19 (2006.01) A61K 8/02 (2006.01) A61K 8/27 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **SLURRY POWDER COSMETIC COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS COSMETIQUES EN FORME DE POUDRE EN SUSPENSION ET PROCEDES CORRESPONDANTS**
[72] FINJAN, TALAL, CA
[72] RIZVI, SYED, CA
[72] CASTRO, JOHN R., US
[73] ELC MANAGEMENT LLC, US
[85] 2015-02-11
[86] 2013-09-06 (PCT/US2013/058382)
[87] (WO2014/046882)
[30] US (13/624,296) 2012-09-21

[11] **2,881,903**
[13] C
[51] **Int.Cl. H01H 1/62 (2006.01) H01H 1/06 (2006.01) H01H 1/36 (2006.01)**
[25] EN
[54] **A CIRCUIT BREAKER**
[54] **DISJONCTEUR**
[72] THOMAS, RICHARD, SE
[73] ABB TECHNOLOGY LTD, CH
[85] 2015-02-12
[86] 2013-08-09 (PCT/EP2013/066712)
[87] (WO2014/026924)
[30] EP (12180774.7) 2012-08-17

[11] **2,882,109**
[13] C
[51] **Int.Cl. H03K 3/38 (2006.01) H03K 19/166 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR APPLYING FLUX TO A QUANTUM-COHERENT SUPERCONDUCTING CIRCUIT**
[54] **SYSTEMES ET PROCEDES D'APPLICATION DE FLUX A UN CIRCUIT SUPRACONDUCTEUR COHERENT QUANTIQUE**
[72] HERR, QUENTIN P., US
[72] NAAMAN, OFER, US
[72] HERR, ANNA Y., US
[73] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2015-02-13
[86] 2013-08-08 (PCT/US2013/054161)
[87] (WO2014/028302)
[30] US (13/585,467) 2012-08-14

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[13] C
[51] **Int.Cl. E21B 7/00 (2006.01)**
[25] EN
[54] **PRELOAD AND CENTRALIZING DEVICE FOR MILLING SUBTERRANEAN BARRIER VALVES**
[54] **DISPOSITIF DE PRECHARGE ET DE CENTRALISATION POUR FRAISER DES VANNES DE BARRIERE SOUTERRAINES**
[72] COLEMAN, DAVID W., US
[72] VINCENT, BENNY J., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-02-17
[86] 2013-08-30 (PCT/US2013/057595)
[87] (WO2014/039395)
[30] US (13/605,166) 2012-09-06

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[13] C
[51] **Int.Cl. G05D 1/02 (2006.01) B65G 35/08 (2006.01) B65G 37/00 (2006.01)**
[25] EN
[54] **METHOD OF MATERIAL HANDLING WITH AUTOMATIC GUIDED VEHICLES**
[54] **METHODE DE TRAITEMENT DE MATERIEL COMPORTANT DES VEHICULES GUIDES AUTOMATIQUES**
[72] MURPHY, CHRISTOPHER JOHN, US
[73] JERVIS B. WEBB COMPANY, US
[86] (2882452)
[87] (2882452)
[22] 2015-02-19
[30] US (14/186,253) 2014-02-21

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[13] C
[51] **Int.Cl. B65D 21/032 (2006.01) B65D 21/036 (2006.01)**
[25] EN
[54] **STACKABLE CONTAINER SYSTEM**
[54] **SYSTEME DE RECIPIENTS EMPILABLES**
[72] MEYERS, DAVID O., US
[72] SORENSEN, STEVEN M., US
[73] RUNWAY BLUE, LLC, US
[85] 2015-02-20
[86] 2013-01-09 (PCT/US2013/020868)
[87] (WO2014/039079)
[30] US (13/609,238) 2012-09-10

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[13] C
[51] **Int.Cl. G06F 21/10 (2013.01) G06F 9/44 (2006.01) G06F 11/30 (2006.01) G06F 15/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING ILLEGITIMATE APPLICATIONS**
[54] **SYSTEMES ET PROCEDES POUR DETECTER LES APPLICATIONS ILLEGITIMES**
[72] MAO, JUN, US
[72] MCCORKENDALE, BRUCE, US
[72] LAFFOON, BARRY, US
[72] WAWDA, ABUBAKAR, US
[73] SYMANTEC CORPORATION, US
[85] 2015-02-20
[86] 2013-09-03 (PCT/US2013/057887)
[87] (WO2014/039455)
[30] US (13/604,422) 2012-09-05

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[13] C
[51] **Int.Cl. H05H 1/54 (2006.01)**
[25] EN
[54] **APPARATUS FOR ACCELERATING AND COMPRESSING PLASMA**
[54] **APPAREIL D'ACCELERATION ET DE COMPRESSION DE PLASMA**
[72] LABERGE, MICHEL G., CA
[72] REYNOLDS, MERITT, CA
[73] GENERAL FUSION INC., CA
[85] 2015-02-26
[86] 2013-08-29 (PCT/CA2013/050670)
[87] (WO2014/032186)
[30] US (61/694,550) 2012-08-29

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[13] C
[51] **Int.Cl. B64C 13/04 (2006.01) G05G 1/34 (2009.01) B64C 27/56 (2006.01) F16B 21/12 (2006.01)**
[25] EN
[54] **RETENTION SYSTEMS FOR ROTORCRAFT PEDAL ASSEMBLIES**
[54] **MECANISMES DE RETENUE POUR DISPOSITIFS DE PEDALIERS DE NOYAUX DE ROTOR**
[72] WILLS, PATRICIA, US
[72] LAFON, BRIAN, US
[72] JENKINS, RICKY, US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2884621)
[87] (2884621)
[22] 2015-03-10
[30] US (14/205,886) 2014-03-12

[11] **2,885,072**
[13] C
[51] **Int.Cl. H04M 3/22 (2006.01) G10L 17/26 (2013.01) H04L 29/06 (2006.01) H04M 3/527 (2006.01)**
[25] EN
[54] **AUTOMATED TESTING OF INTERACTIVE VOICE RESPONSE SYSTEMS**
[54] **TEST AUTOMATISE DE SYSTEMES DE REPONSE VOCALE INTERACTIFS**
[72] NATESAN, VIJAYCHANDAR, IN
[72] SARANGAPANI, RAJESH, IN
[72] CHATTERJEE, SURAJIT, IN
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2885072)
[87] (2885072)
[22] 2015-03-13
[30] US (14/460,797) 2014-08-15

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[13] C
[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/14 (2006.01)**
[25] EN
[54] **CO2 RECOVERY UNIT**
[54] **DISPOSITIF DE RECUPERATION DE CO2**
[72] NAKAYAMA, KOJI, US
[72] YONEKAWA, TAKAHITO, US
[72] INUI, MASAYUKI, US
[72] TSUJIUCHI, TATSUYA, US
[72] MIYAMOTO, OSAMU, JP
[72] SORIMACHI, YOSHIKI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2015-03-18
[86] 2013-09-18 (PCT/JP2013/075197)
[87] (WO2014/046146)
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[25] EN
[54] **SYSTEM FOR REVERSE SHOULDER IMPLANTS**
[54] **SYSTEME POUR IMPLANTS D'EPAULE INVERSES**
[72] MARONEY, BRIAN, US
[72] HODOREK, BRIAN C., US
[72] GARGAC, SHAWN, US
[72] BOILEAU, PASCAL, FR
[72] WALCH, GILLES, FR
[72] FAVARD, LUC, FR
[72] CLAVERT, PHILIPPE, FR
[72] SIRVEAUX, FRANCOIS, FR
[72] KELLY, JAMES, US
[72] KRISHNAN, SUMANT, US
[72] MOLE, DANIEL, FR
[72] COMTE, CEDRIC, FR
[72] RUNDSTADLER, ERIC, FR
[72] MONDI, FRANCOIS, FR
[72] CHUINARD, CHRISTOPHER R., US
[72] EDWARDS, THOMAS BRADLEY, US
[72] DERANSART, PIERRIC, FR
[72] GABORIT, VINCENT, FR
[73] TORNIER ORTHOPEDICS IRELAND LTD., IE
[85] 2015-03-19
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[87] (WO2014/067961)
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[25] EN
[54] **HYPOTHETICAL REFERENCE DECODER PARAMETER SYNTAX STRUCTURE**
[54] **STRUCTURE SYNTAXIQUE DE PARAMETRES D'UN DECODEUR FICTIF DE REFERENCE**
[72] WANG, YE-KUI, US
[73] QUALCOMM INCORPORATED, US
[85] 2015-03-18
[86] 2013-09-20 (PCT/US2013/060906)
[87] (WO2014/058598)
[30] US (61/711,098) 2012-10-08
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[51] **Int.Cl. A61F 2/46 (2006.01) A61B 17/56 (2006.01) B01F 7/00 (2006.01) B01F 15/00 (2006.01) B28C 5/12 (2006.01) B28C 5/44 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR MIXING OF A MULTI-COMPONENT CEMENT**
[54] **DISPOSITIF ET PROCEDE DE MELANGE D'UN CIMENT MULTICOMPOSANTE**
[72] VOGT, SEBASTIAN, DE
[73] HERAEUS MEDICAL GMBH, DE
[86] (2886186)
[87] (2886186)
[22] 2015-03-26
[30] DE (10 2014 10[illegible]873.4) 2014-05-15

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[51] **Int.Cl. A47J 27/12 (2006.01) A47J 43/04 (2006.01)**
[25] EN
[54] **AUTO STIR COOKING APPLIANCE**
[54] **APPAREIL DE CUISSON PAR AUTO-BRASSAGE**
[72] RANDALL, LARRY, US
[72] HAMMAD, JAMAL, US
[73] SUNBEAM PRODUCTS, INC., US
[85] 2015-04-07
[86] 2013-10-03 (PCT/US2013/063259)
[87] (WO2014/055759)
[30] US (61/709,320) 2012-10-03
[30] US (61/776,079) 2013-03-11
[30] CN (201320504720.2) 2013-08-19

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[13] C
[51] **Int.Cl. F25J 3/06 (2006.01) C10L 3/10 (2006.01) F25J 3/08 (2006.01) F25J 5/00 (2006.01)**
[25] EN
[54] **INTEGRATED NITROGEN REMOVAL IN THE PRODUCTION OF LIQUEFIED NATURAL GAS USING DEDICATED REINJECTION CIRCUIT**
[54] **ELIMINATION D'AZOTE INTEGREE DANS LA PRODUCTION DE GAZ NATUREL LIQUEFIE AU MOYEN D'UN CIRCUIT DE REINJECTION SPECIALISE**
[72] CHEN, FEI, US
[72] LIU, YANG, US
[72] KRISHNAMURTHY, GOWRI, US
[72] OTT, CHRISTOPHER MICHAEL, US
[72] ROBERTS, MARK JULIAN, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2887150)
[87] (2887150)
[22] 2015-04-07
[30] US (14/260,643) 2014-04-24

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[51] **Int.Cl. B62L 1/00 (2006.01) B62K 19/38 (2006.01) B62K 25/20 (2006.01) B62L 3/02 (2006.01)**
[25] EN
[54] **BRAKE CALIPER ARRANGEMENT STRUCTURE FOR MOTORCYCLE**
[54] **STRUCTURE D'AGENCEMENT D'ETRIERS DE FREIN POUR MOTOCYCLETTE**
[72] NAGAI, RYUICHI, JP
[72] NAKAIE, HIROKATSU, JP
[72] TOYODA, HIDETOSHI, JP
[72] ITO, SHINJI, JP
[72] KAWASAKI, SHINJI, JP
[72] MATSUI, YASUMASA, JP
[73] HONDA MOTOR CO., LTD., JP
[85] 2015-04-01
[86] 2013-07-22 (PCT/JP2013/069788)
[87] (WO2014/069051)
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[51] **Int.Cl. B29C 70/44 (2006.01) B29C 70/34 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PRODUCING A ROTOR BLADE SPAR CAP**
[54] **DISPOSITIF ET PROCEDE DE FABRICATION D'UNE SEMELLE DE LONGERON DE PALE DE ROTOR**
[72] BENDEL, URS, DE
[72] ZELLER, LENZ SIMON, DE
[72] EYB, ENNO, DE
[72] RICHERS, TILMAN, DE
[72] WITTHUS, JAN-PETER, DE
[73] SENVION SE, DE
[85] 2015-04-02
[86] 2013-10-11 (PCT/EP2013/003058)
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[51] **Int.Cl. F25J 3/06 (2006.01) C10L 3/10 (2006.01) F25J 3/08 (2006.01) F25J 5/00 (2006.01)**
[25] EN
[54] **INTEGRATED NITROGEN REMOVAL IN THE PRODUCTION OF LIQUEFIED NATURAL GAS USING INTERMEDIATE FEED GAS SEPARATION**
[54] **ELIMINATION D'AZOTE INTEGREE DANS LA PRODUCTION DE GAZ NATUREL LIQUEFIE AU MOYEN D'UNE SEPARATION DE GAZ D'ALIMENTATION INTERMEDIAIRE**
[72] CHEN, FEI, US
[72] LIU, YANG, US
[72] KRISHNAMURTHY, GOWRI, US
[72] OTT, CHRISTOPHER MICHAEL, US
[72] ROBERTS, MARK JULIAN, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2887247)
[87] (2887247)
[22] 2015-04-09
[30] US (14/260,678) 2014-04-24

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[11] **2,887,252**
[13] C
[51] **Int.Cl. F25J 3/06 (2006.01) C10L 3/10 (2006.01) F25J 3/08 (2006.01) F25J 5/00 (2006.01)**
[25] EN
[54] **INTEGRATED NITROGEN REMOVAL IN THE PRODUCTION OF LIQUEFIED NATURAL GAS USING REFRIGERATED HEAT PUMP**
[54] **EXTRACTION D'AZOTE INTEGREE DANS LA PRODUCTION DE GAZ NATUREL LIQUEFIE A L'AIDE D'UNE POMPE THERMIQUE REFRIGEREE**
[72] OTT, CHRISTOPHER MICHAEL, US
[72] KRISHNAMURTHY, GOWRI, US
[72] CHEN, FEI, US
[72] LIU, YANG, US
[72] ROBERTS, MARK JULIAN, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2887252)
[87] (2887252)
[22] 2015-04-09
[30] US (14/260,753) 2014-04-24

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[51] **Int.Cl. B23P 15/28 (2006.01) B26D 1/143 (2006.01) D21D 1/00 (2006.01)**
[25] EN
[54] **BLADE ELEMENT FOR REFINER**
[54] **ELEMENT DE LAME POUR RAFFINEUR**
[72] LOIJAS, MARKO, FI
[72] KONONEN, TIMO, FI
[72] KAARINEVA, MATTI, FI
[73] VALMET TECHNOLOGIES, INC., FI
[86] (2887818)
[87] (2887818)
[22] 2015-04-13
[30] FI (20145629) 2014-06-30

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[13] C
[51] Int.Cl. H04L 12/46 (2006.01) H04W 84/04 (2009.01) B61L 27/00 (2006.01) H04L 9/32 (2006.01) H04L 12/22 (2006.01) H04L 29/06 (2006.01)
[25] EN
[54] SECURITY DEVICE BANK AND SYSTEM INCLUDING THE SECURITY DEVICE BANK
[54] BANQUE DE DISPOSITIFS DE SECURITE ET SYSTEME COMPRENANT LA BANQUE DE DISPOSITIFS DE SECURITE
[72] SIU, JOSEPH, CA
[73] THALES CANADA INC., CA
[85] 2015-04-13
[86] 2013-10-11 (PCT/IB2013/002289)
[87] (WO2014/060821)
[30] US (61/714,202) 2012-10-15
[30] US (13/837,012) 2013-03-15

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[13] C
[51] Int.Cl. A23F 5/46 (2006.01)
[25] EN
[54] TREATING SOLUBLE COFFEE
[54] TRAITEMENT DE CAFE SOLUBLE
[72] PENNER, AMY L., GB
[73] KRAFT FOODS R&D, INC., US
[85] 2015-04-20
[86] 2013-11-15 (PCT/IB2013/002817)
[87] (WO2014/083422)
[30] GB (1221415.1) 2012-11-28

[11] 2,889,334
[13] C
[51] Int.Cl. H03M 1/54 (2006.01)
[25] EN
[54] DATA SAMPLING METHOD AND SYSTEM, AND APPLICATION METHOD AND SYSTEM THEREOF IN PARAMETER IDENTIFICATION
[54] SYSTEME ET METHODE D'ECHANTILLONNAGE DE DONNEES, ET SYSTEME ET METHODE D'APPLICATION ASSOCIES DESTINES A L'IDENTIFICATION DE PARAMETRE
[72] HAO, YUSHAN, CN
[73] HAO, YUSHAN, CN
[85] 2015-04-23
[86] 2013-10-23 (PCT/CN2013/085813)
[87] (WO2014/063635)
[30] CN (201210408534.9) 2012-10-23

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[13] C
[51] Int.Cl. G01V 8/10 (2006.01) G01B 11/00 (2006.01)
[25] EN
[54] METHOD FOR FINDING DISTANCE INFORMATION FROM A LINEAR SENSOR ARRAY
[54] PROCEDE DE DETERMINATION D'INFORMATIONS DE DISTANCE A PARTIR D'UN RESEAU LINEAIRE DE CAPTEURS
[72] BELZ, JEFFREY JOHN, US
[73] MASCO CANADA LIMITED, CA
[85] 2015-04-27
[86] 2013-11-11 (PCT/US2013/069396)
[87] (WO2014/088761)
[30] US (13/708,944) 2012-12-08

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[13] C
[51] Int.Cl. B65G 51/01 (2006.01) E21C 41/00 (2006.01) E21C 45/00 (2006.01)
[25] EN
[54] MINERAL SUSPENDING AGENT, METHOD OF MAKING, AND USE THEREOF
[54] AGENT DE SUSPENSION MINERAL, PROCEDE DE FABRICATION ET SON UTILISATION
[72] PURCELL, ROBERT J., JR., US
[72] PARKER, DENNIS C., US
[72] LYMAN, MATTHEW J., US
[72] SMITH, JAMES M., US
[73] ACTIVE MINERALS INTERNATIONAL, LLC, US
[85] 2015-04-28
[86] 2013-10-22 (PCT/US2013/066114)
[87] (WO2014/070519)
[30] US (13/664,948) 2012-10-31

[11] 2,889,921
[13] C
[51] Int.Cl. H02J 3/38 (2006.01) H02S 40/32 (2014.01) H02S 50/10 (2014.01) H02J 13/00 (2006.01) H04B 3/32 (2006.01)
[25] EN
[54] ELECTRICAL COMBINER BOX WITH IMPROVED FUNCTIONALITY
[54] BOITE DE COMBINAISON ELECTRIQUE A FONCTIONNALITE AMELIOREE
[72] GODMERE, STEVEN PETER, US
[72] DEBONE, CHRISTOPHER ROBERT, US
[73] E GEAR LLC, US
[85] 2015-04-29
[86] 2013-02-15 (PCT/US2013/000038)
[87] (WO2013/122685)
[30] US (61/633,716) 2012-02-15

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[13] C
[51] Int.Cl. E21B 49/02 (2006.01) E21B 47/00 (2012.01) G01N 21/17 (2006.01)
[25] EN
[54] REMOTE PUMPED DUAL CORE OPTICAL FIBER SYSTEM FOR USE IN SUBTERRANEAN WELLS
[54] SYSTEME DE FIBRE OPTIQUE A DOUBLE COEUR POMPE A DISTANCE POUR L'UTILISATION DANS DES PUITS SOUTERRAINS
[72] JAASKELAINEN, MIKKO, US
[72] MITCHELL, IAN B., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-04-30
[86] 2014-02-10 (PCT/US2014/015482)
[87] (WO2014/149227)
[30] US (13/847,183) 2013-03-19

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[13] C
[51] **Int.Cl. E21B 49/08 (2006.01) E21B 44/00 (2006.01) E21B 49/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REMOTE ACTUATION OF A DOWNHOLE TOOL**
[54] **SYSTEMES ET PROCEDES POUR L'ACTIONNEMENT A DISTANCE D'UN OUTIL DE FOND DE TROU**
[72] WALTON, ZACHARY W., US
[72] EIS, ANDY, US
[72] HOWELL, MATTHEW TODD, US
[72] FRIPP, MICHAEL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-05-11
[86] 2014-01-10 (PCT/US2014/011061)
[87] (WO2014/116442)
[30] US (13/748,917) 2013-01-24

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[13] C
[51] **Int.Cl. B23P 15/00 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING SUPER 13CR TOOL COUPLER**
[54] **PROCEDE DE FABRICATION D'UN RACCORD TITRANT PLUS DE 13 % DE CHROME**
[72] ZHAO, PENG, CN
[72] YU, JIE, CN
[72] LIU, SHAOFENG, CN
[72] ZHANG, CHUNXIA, CN
[72] WANG, MINGHUA, CN
[73] BAOSHAN IRON & STEEL CO., LTD., CN
[85] 2015-05-14
[86] 2013-10-09 (PCT/CN2013/084876)
[87] (WO2014/169593)
[30] CN (201310139112.0) 2013-04-19

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[13] C
[51] **Int.Cl. F16B 2/06 (2006.01) B25B 5/00 (2006.01)**
[25] EN
[54] **CLAMP FOR STANDING SEAM**
[54] **ELEMENT DE SERRAGE POUR JOINT DEBOUT**
[72] KOVACS, TAMAS, US
[72] TAYLOR, MARTIN, US
[72] BAILEY, JIM, US
[72] WASLEY, ALAN, US
[73] PMC INDUSTRIES, INC., US
[85] 2015-05-19
[86] 2014-07-10 (PCT/US2014/046242)
[87] (WO2015/006619)
[30] US (61/844,763) 2013-07-10

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[51] **Int.Cl. C07K 7/08 (2006.01) C07K 7/50 (2006.01) C07K 7/64 (2006.01) C07K 14/00 (2006.01) C07K 14/47 (2006.01) C07K 14/75 (2006.01) C07K 16/18 (2006.01) C40B 30/04 (2006.01) C40B 40/10 (2006.01) G01N 33/564 (2006.01)**
[25] EN
[54] **METHOD OF DETECTING AUTOANTIBODIES FROM PATIENTS SUFFERING FROM RHEUMATOID ARTHRITIS, A PEPTIDE AND AN ASSAYKIT**
[54] **PROCEDE POUR DETECTER DES AUTO-ANTICORPS CHEZ DES PATIENTS SOUFFRANT DE POLYARTHRITE RHUMATOIDE, PEPTIDE ET TROUSSE DE DOSAGE**
[72] VAN VENROOIJ, WALTHERUS JACOBUS WILHELMUS, NL
[72] DRIJFHOUT, JAN WOUTER, NL
[72] VAN BOEKEL, MARTINUS ADRIANUS MARIA, NL
[72] PRUIJN, GERARDUS JOZEF MARIA, NL
[73] STICHTING VOOR DE TECHNISCHE WETENSCHAPPEN, NL
[86] (2892001)
[87] (2892001)
[22] 2002-12-11
[62] 2,708,463
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[11] **2,892,264**
[13] C
[51] **Int.Cl. B61D 25/00 (2006.01)**
[25] EN
[54] **AN ARRANGEMENT WITH A GLASS PANE OF A RAIL VEHICLE FORMING A PART OF AN OUTER VEHICLE SURFACE**
[54] **UN ARRANGEMENT COMPORTANT UN PANNEAU DE VERRE D'UN VEHICULE SUR RAIL FORMANT UNE PARTIE D'UNE SURFACE EXTERIEURE DE VEHICULE**
[72] HARTMAN, STEFAN, AT
[73] BOMBARDIER TRANSPORTATION GMBH, DE
[86] (2892264)
[87] (2892264)
[22] 2015-05-20
[30] DE (10 2014 209 530.1) 2014-05-20

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[13] C
[51] **Int.Cl. E03C 1/02 (2006.01)**
[25] EN
[54] **PLUMBING OUTLET BOX WITH MOUNTING FEATURES**
[54] **BOITE DE PRISE DE TUYAUTERIE DOTEE DE FONCTIONNALITES D'INSTALLATION**
[72] WHITEHEAD, JAMES H., US
[72] HUMBER, JEFFREY A., US
[73] IPS CORPORATION, US
[86] (2892865)
[87] (2892865)
[22] 2015-05-22
[30] US (14/682645) 2015-04-09

[11] **2,893,100**
[13] C
[51] **Int.Cl. A24C 5/47 (2006.01) A24C 5/00 (2006.01) A24C 5/10 (2006.01)**
[25] EN
[54] **IMPROVEMENTS RELATING TO SMOKING ARTICLE ASSEMBLY**
[54] **PERFECTIONNEMENTS CONCERNANT UN ENSEMBLE ARTICLE A FUMER**
[72] LE ROUX, GERHARD, ZA
[72] BRAY, ANDREW JONATHAN, GB
[73] TOBACCO RESEARCH AND DEVELOPMENT INSTITUTE (PROPRIETARY) LIMITED, ZA
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2015-05-28
[86] 2013-12-06 (PCT/GB2013/053224)
[87] (WO2014/087170)
[30] GB (1222005.9) 2012-12-06

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[13] C
[51] **Int.Cl. C07D 498/04 (2006.01) A61K 31/55 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **(THIENO[2,3-B][1,5]BENZOXAZEPIN-4-YL)PIPERAZIN-1-YL COMPOUNDS AS DUAL ACTIVITY H1 INVERSE AGONISTS/5-HT2A ANTAGONISTS**
[54] **COMPOSES (THIENO[2,3-B][1,5]BENZOXAZEPIN-4-YL)PIPERAZIN-1-YLE EN TANT QU'AGONISTES INVERSES DE H1/ANTAGONISTES DE 5-HT2A A DOUBLE ACTIVITE**
[72] GALLAGHER, PETER THADDEUS, US
[73] ELI LILLY AND COMPANY, US
[85] 2015-05-27
[86] 2014-01-08 (PCT/US2014/010577)
[87] (WO2014/110065)
[30] US (61/752,203) 2013-01-14

[11] **2,893,271**
[13] C
[51] **Int.Cl. E04G 3/28 (2006.01) B66F 3/08 (2006.01) B66F 3/46 (2006.01) B66F 11/04 (2006.01) E04G 3/20 (2006.01) E04G 3/24 (2006.01)**
[25] EN
[54] **SELF-JACKING SCAFFOLD FOR LARGE CYLINDRICAL TANKS**
[54] **ECHAFAUDAGE A AUTO-VERINAGE POUR GRANDS RESERVOIRS CYLINDRIQUES**
[72] MORK, OLIVER, US
[72] TELLALIAN, MARTY, US
[72] HORACEK, DON, US
[72] RILEY, GLENN, US
[72] EDENBURN, ANDY, US
[72] GARZA, AL, US
[72] KUCIC, JOSEPH, US
[73] CHICAGO BRIDGE & IRON COMPANY, US
[73] OM ENGINEERING, AU
[85] 2015-05-29
[86] 2013-11-27 (PCT/US2013/072299)
[87] (WO2014/085629)
[30] US (61/731,953) 2012-11-30

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[13] C
[51] **Int.Cl. B28D 7/04 (2006.01) B23Q 1/01 (2006.01) B26D 7/20 (2006.01) B28D 1/04 (2006.01) B28D 1/24 (2006.01) F16M 1/00 (2006.01)**
[25] EN
[54] **FRAME FOR AN ELECTRIC APPARATUS FOR CUTTING CERAMIC ELEMENTS**
[54] **CADRE POUR APPAREIL ELECTRIQUE DESTINE A LA COUPE D'ELEMENTS EN CERAMIQUE**
[72] SOLER BALCELLS, JORDI, ES
[73] GERMANS BOADA, S.A., ES
[86] (2893873)
[87] (2893873)
[22] 2015-06-05
[30] ES (P201430892) 2014-06-11

[11] **2,894,446**
[13] C
[51] **Int.Cl. A61K 8/40 (2006.01) A61Q 13/00 (2006.01) A61Q 15/00 (2006.01) C11B 9/00 (2006.01)**
[25] EN
[54] **ANTIPERSPIRANT AND DEODORANT COMPOSITIONS**
[54] **COMPOSITIONS ANTITRANSPIRANTES ET DEODORANTES**
[72] CETTI, JONATHAN ROBERT, US
[72] DUBOIS, ZERLINA GUZDAR, US
[72] HUTCHINS, VIRGINIA TZUNG-HWEI, US
[72] KINSEY, MICHAEL WAYNE, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-06-08
[86] 2013-12-13 (PCT/US2013/074884)
[87] (WO2014/093747)
[30] US (61/737,257) 2012-12-14
[30] US (61/869,241) 2013-08-23
[30] US (61/879,217) 2013-09-18

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[13] C
[51] **Int.Cl. G05D 1/02 (2006.01) B65G 49/00 (2006.01)**
[25] EN
[54] **METHOD OF MATERIAL HANDLING WITH AUTOMATIC GUIDED VEHICLES**
[54] **PROCEDE DE MANIPULATION DE MATERIAU AVEC VEHICULES GUIDES AUTOMATIQUES**
[72] MURPHY, CHRISTOPHER JOHN, US
[73] JERVIS B. WEBB COMPANY, US
[85] 2015-06-09
[86] 2013-12-13 (PCT/US2013/074983)
[87] (WO2014/099660)
[30] US (13/718,277) 2012-12-18

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[13] C
[51] **Int.Cl. D06F 29/00 (2006.01) D06F 37/20 (2006.01)**
[25] EN
[54] **AUXILIARY WASHING MACHINE AND CLOTHES TREATMENT APPARATUS USING THE SAME**
[54] **LAVE-LINGE AUXILIAIRE ET APPAREIL DE TRAITEMENT DE VETEMENTS L'UTILISANT**
[72] LEE, DONGSOO, KR
[72] KIM, DONGWON, KR
[73] LG ELECTRONICS INC., KR
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[54] **APPAREIL ET PROCEDE DE FONCTIONNEMENT DE TUBAGE**
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[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **BANDES RENFORCEES DE FILAMENTS UTILES COMME ENROBAGE DE CONDUITE SOUS L'EAU**
[72] TYNAN, JOHN K., JR., US
[72] CHRZANOWSKI, DEBORAH A., CA
[72] LEWANDOWSKI, MARK A., US
[73] INTERTAPE POLYMER CORP., US
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[72] GAILLARD, ERIC, FR
[73] LINDAL FRANCE SAS, FR
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[54] **ENZYMATIC TRANSESTERIFICATION/ESTERIFICATION PROCESSING SYSTEMS AND PROCESSES EMPLOYING LIPASES IMMOBILIZED ON HYDROPHOBIC RESINS**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT PAR ESTERIFICATION/TRANSESTERIFICATION ENZYMATIQUES FAISANT INTERVENIR DES LIPASES IMMOBILISEES SUR DES RESINES HYDROPHOBES**
[72] BASHEER, SOBHI, IL
[72] MOHSEN, USAMA, IL
[73] TRANS BIO-DIESEL LTD., IL
[85] 2015-06-25
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[54] **DECORATIVE DETECTABLE WARNING PANEL HAVING IMPROVED GRIP**
[54] **PANNEAU D'AVERTISSEMENT DETECTABLE DECORATIF AYANT UNE PRISE AMELIOREE**
[72] HENSHUE, CHRISTOPHER GARY, US
[72] HENSHUE, GARY LAVERNE, US
[72] BARTA, KENT SHERMAN, US
[72] ROBB, EDWARD JAMES, US
[72] RIGGS, DAVID MATTHEW, US
[72] ROBB, ALEXANDER FREDERICK, US
[73] BRANDBUMPS, LLC, US
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[54] **DEVIATEUR DE FRAISE COMPRENANT UN MATERIAU GONFLANT POUR EMPECHER L'ECOULEMENT DE FLUIDE AU-DELA DU MATERIAU**
[72] ROSAS, EULALIO J., SA
[72] BAILEY, ERNEST C., SA
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHOD OF MANUFACTURING FAN BLADE AND APPARATUS FOR MANUFACTURING THE SAME FAN BLADE**
[54] **METHODE DE FABRICATION DE PALE DE VENTILATEUR ET APPAREIL DE FABRICATION DE LADITE PALE DE VENTILATEUR**
[72] MURAKAMI, TSUTOMU, JP
[72] MORITA, HIDEO, JP
[72] INADA, TAKAOMI, JP
[72] YAGI, HIROYUKI, JP
[72] SATO, SEIICHI, JP
[72] BABA, SHUNICHI, JP
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[54] **TENSIONED OPENING DEVICE FOR MONOMER CONTAINER**
[54] **DISPOSITIF D'OUVERTURE TENDU POUR CONTENANT MONOMERE**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[73] HERAEUS MEDICAL GMBH, DE
[86] (2899539)
[87] (2899539)
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[25] EN
[54] **MULTI-LAYER ACOUSTICAL FLOORING TILE AND METHOD OF MANUFACTURE**
[54] **CARREAU DE SOL ACOUSTIQUE MULTICOUCHE ET PROCEDE DE FABRICATION**
[72] FREEDMAN, MICHAEL, US
[72] TUCKER, DALE, US
[73] MICHAEL FREEDMAN & ASSOCIATES, INC., US
[85] 2015-07-29
[86] 2014-03-21 (PCT/US2014/031413)
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[54] **AZETIDINYLOXYPHENYLPYRROLIDINE COMPOUNDS**
[54] **COMPOSES D'AZETIDINYLOXYPHENYLPYRROLIDINE**
[72] DENG, GARY G., US
[72] HUANG, DANWEN, US
[72] ODINGO, JOSHUA O., US
[73] ELI LILLY AND COMPANY, US
[85] 2015-07-29
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[54] **CONCRETE PRODUCTS LOCKING CAGE SPACER**
[54] **ESPACEUR DE CAGE BLOQUANT POUR PRODUITS DE BETON**
[72] STRABALA, DAVE, US
[72] GRIMM, CURT, US
[73] HAWKEYEPEDERSHAAB CONCRETE TECHNOLOGIES, INC., US
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[87] (2899912)
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[54] **DUAL MAGNETIC SENSOR ACTUATION ASSEMBLY**
[54] **ENSEMBLE D'ACTIONNEMENT DE DOUBLE CAPTEUR MAGNETIQUE**
[72] WALTON, ZACHARY W., US
[72] HOWELL, MATTHEW T., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-07-30
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[25] EN
[54] **SYSTEMS AND METHODS FOR OPTIMIZING ANALYSIS OF SUBTERRANEAN WELL BORES AND FLUIDS USING NOBLE GASES**
[54] **SYSTEMES ET PROCEDES POUR OPTIMISER UNE ANALYSE DE FORAGES DE PUITS ET DE FLUIDES SOUTERRAINS EN UTILISANT DES GAZ NOBLES**
[72] ROWE, MATHEW, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **DETERMINING A TARGET NET TREATING PRESSURE FOR A SUBTERRANEAN REGION**
[54] **DETERMINATION D'UNE PRESSION DE TRAITEMENT DE RESEAU CIBLE POUR UNE REGION SOUTERRAINE**
[72] DUSTERHOFT, RONALD GLEN, US
[72] ALLISON, DAVID BLAIR, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **MULTIFUNCTIONAL MANDREL END CAP AND METHOD**
[54] **CAPUCHON D'EXTREMITE DE MANDRIN MULTIFONCTIONNEL ET METHODE ASSOCIEE**
[72] LOCKETT, PETER J., AU
[72] SCARFE, MANNING J., AU
[73] THE BOEING COMPANY, US
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[87] (2900635)
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[54] **EXTRUDED DEPOSITION OF FIBER REINFORCED POLYMERS**
[54] **DEPOT EXTRUDE DE POLYMERES RENFORCES PAR DES FIBRES**
[72] BOGUCKI, GREGG ROBERT, US
[72] HICKMAN, GREGORY JAMES SCHOEPEN, US
[72] HAYES, MICHAEL WILLIAM, US
[73] THE BOEING COMPANY, US
[86] (2900778)
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[72] OHRLEIN, REINHOLD, DE
[72] BAISCH, GABRIELE, DE
[73] BASF SE, DE
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[54] **APPARATUS AND METHODS FOR WELL CONTROL**
[54] **APPAREIL ET PROCEDES DE COMMANDE DE PUITS**
[72] YEH, CHARLES S., US
[72] MOFFETT, TRACY J., US
[72] SLADIC, JOHN S., US
[72] HALL, CHRISTOPHER A., US
[72] MCNAMEE, STEPHEN, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **MILK FOAMER**
[54] **MOUSSEUR A LAIT**
[72] JIN, HUAN, CN
[72] LIU, WANQUAN, CN
[72] ORIGANE, MASAAKI, JP
[72] TAGUCHI, TERUAKI, JP
[72] KISHI, HIDEAKI, JP
[73] UCC UESHIMA COFFEE CO., LTD., JP
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[54] **IMPLANTABLE MEDICAL DEVICES FOR REDUCED TISSUE INFLAMMATION**
[54] **DISPOSITIFS MEDICAUX IMPLANTABLES POUR INFLAMMATION TISSULAIRE REDUITE**
[72] WOOD, MARK, US
[72] SEDDON, DANIE T., US
[72] FLEURY, SEAN, US
[72] ROSS, DANIEL, US
[72] DORAN, BURNS P., US
[73] BOSTON SCIENTIFIC SCIMED, INC., US
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[54] **INHIBITORS OF BRUTON'S TYROSINE KINASE**
[54] **INHIBITEURS DE LA TYROSINE KINASE DE BRUTON**
[72] LOPEZ-TAPIA, FRANCISCO JAVIER, US
[73] F. HOFFMANN-LA ROCHE AG, CH
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[54] **SONDE IN SITU AVEC DIAGNOSTICS ET COMPENSATION AMELIORES**
[72] KRAMER, JAMES D., US
[72] NEMER, JOSEPH C., US
[72] WEY, ANNI S., US
[72] SIMMERS, DOUGLAS E., US
[72] STOJKOV, MARK, US
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[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **PARTICULES DE LATEX HYBRIDES POUR REVETEMENTS AUTOSTRATIFIANTS**
[72] MACKULIN, PETER J., US
[72] KRAFCIK, RANDOLPH B., US
[73] THE SHERWIN-WILLIAMS COMPANY, US
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[25] EN
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[54] **STABILISATION D'UNE FORMATION NON CONSOLIDEE POUR LA REGULATION DE FINES**
[72] PATIL, PRAJAKTA RATNAKAR, IN
[72] GEORGE, SHOY CHITTATTUKARA, IN
[72] DAS, PRASANTA, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **MECANISME DE DETECTION DE CHOC ET METHODE DE DETECTION DE CHOC D'UN VEHICULE A L'ARRET**
[72] OYA, RYOSUKE, JP
[72] NADA, MITSUHIRO, JP
[73] TOYCTA JIDOSHA KABUSHIIKI KAISHA, JP
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[54] **A TANK DEVICE, A VEHICLE, AND A METHOD FOR EVALUATING AN OUTPUT OF A PRESSURE SENSOR**
[54] **UN DISPOSITIF DE RESERVOIR, UN VEHICULE ET UNE METHODE D'EVALUATION D'UN SIGNAL DE SORTIE D'UN CAPTEUR DE PRESSION**
[72] SAITO, HIROMU, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2907282)
[87] (2907282)
[22] 2015-10-05
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[54] **METHOD FOR PRODUCING ASH-FREE COAL**
[54] **PROCEDE DE PRODUCTION DE CHARBON SANS CENDRE**
[72] YOSHIDA, TAKUYA, JP
[72] OKUYAMA, NORIYUKI, JP
[72] KINOSHITA, SHIGERU, JP
[72] SAKAI, KOJI, JP
[73] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
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[25] EN
[54] **PERSONAL CARE COMPOSITIONS CONTAINING ZINC PYRITHIONE AND A METAL-PHOSPHONATE COMPLEX**
[54] **COMPOSITIONS POUR SOINS PERSONNELS CONTENANT DE LA PYRITHIONE DE ZINC ET UN COMPLEXE METAL-PHOSPHONATE**
[72] JIANG, CHUNPENG, CN
[72] LIU, ZHE, CN
[72] WANG, JUAN, CN
[72] XU, XIUJUN, CN
[72] WEI, KARL SHIQING, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[86] 2014-02-28 (PCT/CN2014/072729)
[87] (WO2014/169733)
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[54] **REMOVABLE WINDOW AND DOOR SCREENS**
[54] **ECRANS DE FENETRE ET DE PORTE DETACHABLES**
[72] ALTIERI, JOSEPH A., JR., US
[73] ALTIERI, JOSEPH A., JR., US
[85] 2015-09-23
[86] 2014-03-21 (PCT/US2014/031409)
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[25] EN
[54] **FLOOR PANEL AND FLOOR COVERING CONSISTING OF A PLURALITY OF SUCH FLOOR PANELS**
[54] **PANNEAU DE PLANCHER ET REVETEMENT DE PLANCHER CONSISTANT EN UNE PLURALITE DE TELS PANNEAUX DE PLANCHER**
[72] PERRA, ANTONIO GIUSEPPE, NL
[72] ZWEED, SANDER GORDON, NL
[73] INNOVATIONS 4 FLOORING HOLDING N.V., DE
[86] (2908083)
[87] (2908083)
[22] 2010-06-14
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[25] EN
[54] **METHOD OF MANUFACTURING MEMBRANE ELECTRODE ASSEMBLY, AND MEMBRANE ELECTRODE ASSEMBLY**
[54] **PROCEDE DE FABRICATION D'UN DISPOSITIF D'ELECTRODE A MEMBRANE ET DISPOSITIF D'ELECTRODE A MEMBRANE**
[72] TSUBOSAKA, KENJI, JP
[72] YOSHIKAWA, HIROO, JP
[72] NISHIDA, TSUNEMASA, JP
[72] MIZUTANI, NOBUAKI, JP
[72] SAITOU, TAKEAKI, JP
[72] NAKANISHI, JUNJI, JP
[72] HAMANO, MASATO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **PLAQUE TUBULAIRE MULTI-SEGMENTEE**
[72] NEHLEN, PAUL F., III, US
[73] NEPTUNE-BENSON, LLC, US
[86] (2908226)
[87] (2908226)
[22] 2015-10-08
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[54] **A METHOD OF REMOVING A DISSOLVABLE WELLBORE ISOLATION DEVICE**
[54] **PROCEDE D'ELIMINATION D'UN DISPOSITIF D'ISOLATION DE TROU DE FORAGE SOLUBLE**
[72] WALTON, ZACHARY W., US
[72] HOWELL, MATTHEW T., US
[72] MERRON, MATT J., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **FUEL BATTERY**
[54] **PILE A COMBUSTIBLE**
[72] KOBAYASHI, MASAYA, JP
[72] KANNO, DAISUKE, JP
[72] YOSHIZUMI, TOMOO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2909816)
[87] (2909816)
[22] 2015-10-20
[30] JP (2014-228187) 2014-11-10

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[25] EN
[54] **ELECTRIC EQUIPMENT UNIT AND VEHICLE**
[54] **MODULE D'EQUIPEMENT ELECTRIQUE ET VEHICULE**
[72] TAKESHITA, MASAHIRO, JP
[72] YOSHIKAWA, SHIGETAKA, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2909866)
[87] (2909866)
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[30] JP (2014-230765) 2014-11-13

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[54] **EXPANDABLE WOUND DRESSINGS**
[54] **PANSEMENTS EXPANSIBLES**
[72] SKIBA, JEFFRY, US
[73] VOMARIS INNOVATIONS, INC., US
[85] 2015-10-30
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[25] EN
[54] **METHOD FOR MANUFACTURING WOVEN FABRIC AND WOVEN FABRIC**
[54] **PROCEDE DE FABRICATION DE TISSU TISSE ET TISSU TISSE**
[72] SAKAUE, MOTOHIKO, JP
[72] OGATA, MITUO, JP
[72] SHIMOIDE, HAJIME, JP
[73] SAKAUE WEAVING CO., LTD., JP
[85] 2015-11-06
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[25] EN
[54] **SYSTEM AND METHODS OF PHASE DIVERSITY WAVEFRONT SENSING**
[54] **SYSTEME ET PROCEDES DE DETECTION DE FRONT D'ONDE DE DIVERSITE DE PHASE**
[72] RAYMOND, THOMAS D., US
[72] PULASKI, PAUL, US
[72] FARRER, STEPHEN W., US
[72] NEAL, DANIEL R., US
[72] GREENAWAY, ALAN H., GB
[72] FAICHNIE, DAVID M., GB
[72] CAMPBELL DALGARNO, HEATHER L., GB
[72] CRAIK, GRAHAM N., GB
[73] AMO WAVEFRONT SCIENCES, LLC, US
[86] (2912003)
[87] (2912003)
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[54] **REEL LINE SPOOLER**
[54] **BOBINEUR DE LIGNE POUR MOULINET**
[72] MASTEN, JAMES L., US
[73] MASTEN, JAMES L., US
[85] 2015-11-16
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[25] EN
[54] **HOT STAMP MOLDED BODY, AND METHOD FOR PRODUCING HOT STAMP MOLDED BODY**
[54] **PRODUIT ESTAMPE A CHAUD ET PROCEDE POUR LA PRODUCTION D'UN PRODUIT ESTAMPE A CHAUD**
[72] AKIBA, KOJIRO, JP
[72] KONDO, YUSUKE, JP
[72] KIKUCHI, YOSHITAKA, JP
[72] KATO, SATOSHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **ALDEHYDE ADSORBENT, METHOD FOR REMOVING ALDEHYDE, METHOD FOR PRODUCING ACETIC ACID, AND METHOD FOR REGENERATING ALDEHYDE ADSORBENT**
[54] **ADSORBANT D'ALDEHYDE, PROCEDE D'ELIMINATION D'ALDEHYDE, PROCEDE DE PRODUCTION D'ACIDE ACETIQUE, ET PROCEDE DE REGENERATION D'ADSORBANT D'ALDEHYDE**
[72] YOU, ZHIXIONG, JP
[72] UMEHARA, YOICHI, JP
[72] MATSUMURA, TETSURO, JP
[72] MINAMI, TAKESHI, JP
[73] CHIYODA CORPORATION, JP
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[54] **GROUP MANAGEMENT METHOD AND SERVER IN MOBILE SOCIAL NETWORK SERVICE APPLICATION**
[54] **PROCEDE DE GESTION DE GROUPES ET SERVEUR DANS UNE APPLICATION DE SERVICE DE RESEAU SOCIAL MOBILE**
[72] JEONG, YEONGMIN, KR
[73] OPENVACS CO., LTD., KR
[73] JEONG, YEONGMIN, KR
[85] 2015-01-07
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[25] EN
[54] **HETEROAROMATIC COMPOUNDS AND THEIR USE AS DOPAMINE D1 LIGANDS**
[54] **COMPOSES HETERO-AROMATIQUES ET LEUR UTILISATION EN TANT QUE LIGANDS D1 DE LA DOPAMINE**
[72] BRODNEY, MICHAEL AARON, US
[72] DAVOREN, JENNIFER ELIZABETH, US
[72] DOUNAY, AMY BETH, US
[72] EFREMOV, IVAN VIKTOROVICH, US
[72] GRAY, DAVID LAWRENCE FIRMAN, US
[72] GREEN, MICHAEL ERIC, US
[72] HENDERSON, JACLYN LOUISE, US
[72] LEE, CHEWAH, US
[72] MENTE, SCOT RICHARD, US
[72] O'NEIL, STEVEN VICTOR, US
[72] ROGERS, BRUCE NELSEN, US
[72] ZHANG, LEI, US
[73] PFIZER INC., US
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[54] **WAFER LEVEL PACKAGE SOLDER BARRIER USED AS VACUUM GETTER**
[54] **BARRIERE DE SOUDURE DE NIVEAU DE TRANCHE UTILISEE EN TANT QUE DEGAZEUR A VIDE**
[72] GOOCH, ROLAND W., US
[72] DIEP, BUU Q., US
[72] KENNEDY, ADAM M., US
[72] BLACK, STEPHEN H., US
[72] KOCIAN, THOMAS A., US
[73] RAYTHEON COMPANY, US
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[54] **YO-YO BALL WITH FRICTION MOTION ENERGY STORAGE AND ACCELERATION FUNCTIONS**
[54] **BALLE DE YO-YO DOTEE DE FONCTIONS DE STOCKAGE D'ENERGIE DU MOUVEMENT DE FRICTION ET D'ACCELERATION**
[72] CAI, DONGQING, CN
[73] GUANGDONG AULDEY ANIMATION & TOY CO., LTD., CN
[73] GUANGZHOU ALPHA CULTURE COMMUNICATIONS CO., LTD., CN
[73] GUANGDONG ALPHA ANIMATION & CULTURE CO., LTD., CN
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[54] **MULTIFUNCTIONAL CARRYING DEVICE FOR TIDAL STREAM GENERATOR AND USING METHOD THEREOF**
[54] **DISPOSITIF PORTEUR MULTIFONCTION POUR GENERATRICE MAREMOTRICE ET SON PROCEDE D'UTILISATION**
[72] ZHANG, CHANG, CN
[73] ZHANG, CHANG, CN
[73] ZHOU, WENYU, CN
[73] PAN, YANQIAN, CN
[85] 2016-01-04
[86] 2014-06-19 (PCT/CN2014/080321)
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[25] EN
[54] **SEARCH INTENT FOR QUERIES ON ONLINE SOCIAL NETWORKS**
[54] **INTENTION DE RECHERCHE POUR DES INTERROGATIONS SUR DES RESEAUX SOCIAUX EN LIGNE**
[72] RAINA, RAJAT, US
[72] DHAMDHERE, KEDAR, US
[72] CHATOT, OLIVIER, US
[73] FACEBOOK, INC., US
[86] (2918208)
[87] (2918208)
[22] 2014-04-30
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[25] EN
[54] **PORTABLE COMPUTING DEVICE AND METHOD FOR TRANSMITTING INSTRUCTOR OPERATING STATION (IOS) FILTERED INFORMATION**
[54] **DISPOSITIF INFORMATIQUE PORTABLE ET METHODE DE TRANSMISSION D'INFORMATION FILTREE DE POSTE FONCTIONNEL D'INSTRUCTEUR**
[72] DELISLE, JEAN-FRANCOIS, CA
[73] CAE INC, CA
[86] (2920914)
[87] (2920914)
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[25] EN
[54] **INJECTOR PURGE SEQUENCE USING LIGHT SENSOR FOR AIR DETECTION**
[54] **SEQUENCE DE PURGE D'INJECTEUR EMPLOYANT UN DETECTEUR DE LUMIERE POUR LA DETECTION D'AIR**
[72] GRISPO, KEITH M., US
[73] LIEBEL-FLARSHEIM COMPANY LLC, US
[86] (2920928)
[87] (2920928)
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[25] EN
[54] **CONTROL APPARATUS FOR OUTBOARD MOTOR**
[54] **APPAREIL DE COMMANDE DESTINE A UN MOTEUR HORS-BORD**
[72] HIROSHIMA, NAOKI, JP
[72] YAMAMOTO, HIROSHI, JP
[73] HONDA MOTOR CO., LTD., JP
[86] (2921006)
[87] (2921006)
[22] 2016-02-16
[30] JP (2015-037814) 2015-02-27
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[51] **Int.Cl. G09B 9/00 (2006.01) A61B 34/10 (2016.01) G09B 23/28 (2006.01) A61B 17/94 (2006.01)**
[25] EN
[54] **APPARATUS FOR SIMULATING INSERTION OF AN ELONGATED INSTRUMENT INTO A STRUCTURE AND MEDICAL INSERTION SIMULATOR**
[54] **APPAREIL DE SIMULATION D'INSERTION D'UN INSTRUMENT ALLONGE DANS UNE STRUCTURE ET UN SIMULATEUR D'INSERTION MEDICAL**
[72] LAVIGUEUR, MAXIME, CA
[72] PICARD, ALEXANDRE, CA
[72] MALLACI, GIUSEPPE, CA
[72] CARON, FRANCOIS, CA
[73] CAE HEALTHCARE CANADA INC., CA
[86] (2921848)
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[51] **Int.Cl. B65B 25/02 (2006.01) B32B 3/10 (2006.01) B32B 7/02 (2006.01) B65D 81/22 (2006.01) B65D 81/34 (2006.01) B65D 85/34 (2006.01) B32B 7/04 (2006.01) B65D 65/40 (2006.01) B65D 81/26 (2006.01) B65D 81/28 (2006.01)**
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[54] **PACKAGING FOR PRESERVING FRUITS AND VEGETABLES AND MANUFACTURING METHOD**
[54] **EMBALLAGE POUR LA CONSERVATION DE FRUITS ET DE LEGUMES ET PROCEDE DE FABRICATION**
[72] GRIJALVA VARILLAS, SERGIO FERNANDO, MX
[73] GRIJALVA VARILLAS, SERGIO FERNANDO, MX
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[54] **ABSORBENT ARTICLES WITH CHANNELS AND SIGNALS**
[54] **ARTICLES ABSORBANTS AVEC CANAUX ET SIGNAUX**
[72] TAPP, ANN CECILIA, US
[72] SANBORN, SARAH ANN, DE
[72] WALTHER, RACHAEL EDEN, US
[72] FITES, THEODORE CORY, US
[72] STRASEMEIER, JOHN ANDREW, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **USE OF PHOTO-CATALYTIC MATERIAL FOR CLEANING BANKNOTES**
[54] **UTILISATION D'UN MATERIAU PHOTOCATALYTIQUE POUR L'AUTONETTOYAGE DES BILLETS DE BANQUE**
[72] LAWANDY, NABIL M., US
[73] SPECTRA SYSTEMS CORPORATION, US
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[54] **CONNECTION STRUCTURE FOR WOODWARE PART**
[54] **STRUCTURE DE RACCORDEMENT POUR ARTICLE EN BOIS**
[72] TIAN, SHENGJUN, CN
[73] TIAN, SHENGJUN, CN
[85] 2016-04-21
[86] 2014-09-18 (PCT/CN2014/000851)
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[25] EN
[54] **FLUX-CORED ARC WELDING MATERIAL HAVING REMARKABLE IMPACT RESISTANCE AND ABRASION RESISTANCE**
[54] **MATERIAU DE SOUDAGE A L'ARC AVEC FIL FOURRE PRESENTANT UN RESISTANCE AUX CHOCS ET UNE RESISTANCE A L'ABRASION REMARQUABLES**
[72] LEE, BONG-KEUN, KR
[72] HAN, IL-WOOK, KR
[72] KIM, JEONG-KIL, KR
[72] LEE, SANG-CHUL, KR
[72] LEE, DONG-RYEOL, KR
[72] KIM, GEUG, KR
[73] POSCO, KR
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[54] **LABELLING MACHINE**
[54] **MACHINE A ETIQUETER**
[72] ALBENIZ GARCIA-FALCES, EDUARDO, ES
[72] LORENTE RODA, JOSU, ES
[73] ALBENIZ ETIQUETAJE INDUSTRIAL, S.L., ES
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[54] **VIDEO ENCODING APPARATUS AND A VIDEO DECODING APPARATUS**
[54] **DISPOSITIF DE CODAGE D'IMAGES DYNAMIQUES ET DISPOSITIF DE DECODAGE D'IMAGES DYNAMIQUES**
[72] ASAKA, SAORI, JP
[72] CHUJOH, TAKESHI, JP
[72] TANIZAWA, AKIYUKI, JP
[72] YASUDA, GOKI, JP
[72] WADA, NAOFUMI, JP
[72] WATANABE, TAKASHI, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
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[54] **TUNABLE ACOUSTIC TRANSMITTER FOR DOWNHOLE USE**
[54] **EMETTEUR ACOUSTIQUE ACCORDABLE DESTINE A ETRE UTILISE EN FOND DE TROU**
[72] GAO, LI, US
[72] SHAH, VIMAL V., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-09
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[25] EN
[54] **METHOD AND DEVICE FOR STEERING TRUCK OF RAILWAY VEHICLE, AND TRUCK**
[54] **PROCEDE ET DISPOSITIF DE DIRECTION DE BOGIE DE VEHICULE FERROVIAIRE ET BOGIE**
[72] OZAKI, TAKUYA, JP
[72] IWATO, KAZUNORI, JP
[72] KIKKO, SATOSHI, JP
[72] TOKUNAGA, SATOSHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[25] EN
[54] **BASKETBALL SHOT-TRACKING SYSTEM**
[54] **SYSTEME DE SUIVI DE TIRS AU BASKETBALL**
[72] IANNI, BRUCE C., US
[72] ROSS, DAVYEON D., US
[72] KAHLER, CLINT A., US
[72] DANKNICK, DANIEL A., US
[73] SHOTTRACKER, INC., US
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[87] (2931625)
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[62] 2,888,773
[30] US (61/834,018) 2013-06-12
[30] US (61/837,896) 2013-06-21
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[25] EN
[54] **TURBINE**
[54] **TURBINE**
[72] YAMAZAKI, HIROKI, JP
[72] TERASAWA, MASAHIRO, JP
[72] II, YASUHIRO, JP
[73] IHI CORPORATION, JP
[85] 2016-06-03
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[51] **Int.Cl. B60W 10/02 (2006.01) B60W 10/101 (2012.01) B60W 10/06 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM OF VEHICLE**
[54] **SYSTEME DE COMMANDE DE VEHICULE**
[72] KIMURA, KENTA, JP
[72] ITO, YOSHIO, JP
[72] YANAGIDA, TOMOAKI, JP
[72] NAGASATO, YU, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2932908)
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[25] EN
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[54] **FACTORISATION ILU PAR BLOCS SOUPLE**
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[72] FLEMING, GRAHAM CHRISTOPHER, US
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[54] **DISPOSITIF DE FORMATION DE PROLONGEMENT DE TROU**
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[54] **SYSTEME DE REPONSE D'URGENCE PERSONNEL MOBILE AMELIORE ET SON PROCEDE D'UTILISATION**
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[54] **SYSTEME, APPAREIL ET PROCEDE POUR EFFECTUER UNE TRANSACTION EN LIGNE AFIN DE REMPLIR UNE DEMANDE DE RENSEIGNEMENTS SUR UN SERVICE D'EXPEDITION FERROVIAIRE OU UNE COMMANDE DE SERVICE D'EXPEDITION FERROVIAIRE**
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[72] WU, XIANGGEN, CA
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[71] MERCIER, MARCO, CA
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[54] **SYSTEME RADIOMETRE/RADAR PORTATIF POUR TELEDETECTION DE L'HUMIDITE DU SOL**
[72] UNKNOWN, ZZ
[71] WOLLEBEN, MAIK, CA
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[54] **AIDE A L'ENTRAINEMENT POUR LE POSITIONNEMENT AU SOCCER**
[72] UNKNOWN, ZZ
[71] BROOKS, DEREK A., CA
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[54] **SURVEILLANCE DE PROPRIETE ET LUTTE ANTIPARASITAIRE**
[72] SYKORA, MARTIN G., CA
[71] SYKORA, MARTIN G., CA
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[54] **SYSTEME DE PRODUCTION D'ELECTRICITE AU MOYEN DE RALENTISSEURS ROUTIERS**
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[54] **LAME DE PEINTURE**
[72] MIKKONEN, MATHEW J., CA
[72] LETKEMAN, ROBERT D., CA
[72] FARR, ALYSSA J., CA
[72] LETKEMAN, JIM, CA
[72] LETKEMAN, EDWARD, CA
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[54] **APPAREIL DE COMMANDE POUR INTEGRER DES DISPOSITIFS ELECTRONIQUES PERSONNELS**
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[54] **DISPOSITIF ANTICHUTE MECANIQUE MANUEL POUR TOURS TELESCOPIQUES**
[72] UNKNOWN, ZZ
[71] CANADA TOWERS INC., CA
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[72] GREENE, KIM, CA
[71] 1887168 ALBERTA LTD., CA
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[54] **DISPOSITIF D'ECHANGEUR GEOTHERMIQUE LINEAIRE**
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[54] **APPAREIL DE TRAITEMENT DE L'EAU**
[72] HEBERT, CLAUDE L., CA
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[54] **APPAREIL DE MASSAGE**
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[71] 9519785 CANADA INC., CA
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[54] **UN COMPOSE MIMETIQUE SMAC DESTINE AU TRAITEMENT DES MALADIES PROLIFERATIVES**
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[54] **SYSTEME DE DETECTION D'UN ETANT DANS LA COQUE D'UN OBJET MARITIME**
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[54] **PROTECTION ANTI-TEMPETE (CHAPEAU - HIVER ET SABLE)**
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[54] **OUTIL DE FERMETURE D'UN SAC A FERMETURE A GLISSIERE REFERMABLE**
[72] KEEHNER, DAVID J., CA
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[54] **ASPIRATEUR PORTATIF**
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[71] JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN
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[54] **MASQUE FACIAL REFLECHISSANT ET DISPOSITIF D'AFFICHAGE A DEL COMPORTANTCELUI-CI**
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[54] **APPAREIL D'ESTIMATION, METHODE D'ESTIMATION ET SUPPORT DE STOCKAGE LISIBLE A L'ORDINATEUR**
[72] KOBAYASHI, TETSUYA, JP
[72] NAMIKI, AYA, JP
[72] MIZUTANI, FUMIHIKO, JP
[72] WATANABE, TAKAHIRO, JP
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[54] **UN SYSTEME DE CAPTEUR DYNAMIQUE DESTINE A UN VELO**
[72] SHIANG, TZYY-YUANG, TW
[72] LEE, YIN-SHIN, TW
[72] HSIEH, CHEN-FANG, TW
[71] WU, CHIEN-CHEN, TW
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[54] **BOL A TROIS COUCHES AMELIORE ET SON PROCEDE DE FABRICATION**
[72] PADIA, ASHISH, IN
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[54] **ANGLE OF ATTACK VANE WITH DIFFERENTIAL PRESSURE VALIDATION**
[54] **GIROUETTE D'ANGLE D'ATTAQUE A VALIDATION DE PRESSION DIFFERENTIELLE**
[72] BENNING, KEVIN, US
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2016-10-19
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[54] **INFRASTRUCTURE DEFINIE PAR DES DONNEES**
[72] GOLTZMAN, AARON B., US
[72] HELLSTROM, STEFAN C., US
[71] ACCENTURE GLOBAL SOLUTIONS LIMITED, GB
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[54] **CONTROLLING AIRLOADS ON AIRCRAFT FOLDING WING TIPS**
[54] **REGULATION DES CHARGES AERODYNAMIQUES AUX EXTREMITES D'AILES PLIANTES D'AERONEFS**
[72] GOOD, MARK STEVEN, US
[72] PAUL, JONATHAN J., US
[71] THE BOEING COMPANY, US
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[54] **APPARATUSES AND METHODS FOR ANTI-ICING OF SPEED MEASUREMENT PROBES**
[54] **APPAREILS ET PROCEDES POUR ANTIGIVRAGE DES SONDES DE MESURE DE VITESSE**
[72] DICHEK, DANIEL JONATHAN GUNNAR, US
[72] KHOZIKOV, VYACHESLAV, US
[72] MORROW, JONATHAN, US
[71] THE BOEING COMPANY, US
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[54] **AIRCRAFT ENGINE AND ASSOCIATED METHOD FOR DRIVING THE FAN WITH THE LOW PRESSURE SHAFT DURING TAXI OPERATIONS**
[54] **MOTEUR D'AERONEF ET PROCEDE ASSOCIE POUR ENTRAINER LE VENTILATEUR AVEC L'ARBRE BASSE PRESSION DURANT LA CIRCULATION AU SOL**
[72] MACKIN, STEVE G., US
[71] THE BOEING COMPANY, US
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[54] **RESIDUE MONITORING AND RESIDUE-BASED CONTROL**
[54] **SURVEILLANCE DE RESIDUS ET CONTROLE FONDE SUR LES RESIDUS**
[72] CASPER, ROBERT T., US
[72] THEILEN, RICKY B., US
[72] SCHWEITZER, JOHN M., US
[71] DEERE & COMPANY, US
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[25] EN
[54] **HEAT EXCHANGER FOR EMBEDDED ENGINE APPLICATIONS: CURVILINEAR PLATE**
[54] **ECHANGEUR DE CHALEUR DESTINE A DES APPLICATIONS POUR MOTEUR EMBARQUE : PLAQUE CURVILIGNE**
[72] CERNY, MATTHEW ROBERT, US
[72] MENARD, JEFFREY RAYMOND, US
[72] KUPISZEWSKI, THOMAS, US
[72] PEGRAM, JOHNATHEN, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **METHODS OF COOLING A FLUID USING AN ANNULAR HEAT EXCHANGER**
[54] **METHODES DE REFROIDISSEMENT D'UN FLUIDE AU MOYEN D'UN ECHANGEUR THERMIQUE ANNULAIRE**
[72] CERNY, MATTHEW ROBERT, US
[72] MENARD, JEFFREY RAYMOND, US
[72] KUPISZEWSKI, THOMAS, US
[72] PEGRAM, JOHNATHEN, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **ROTARY DYNAMIC SIMULATION DEVICE AND AUDIOVISUAL APPARATUS USING THE SAME**
[54] **DISPOSITIF DE SIMULATION DYNAMIQUE ROTATIF ET APPAREIL AUDIOVISUEL UTILISANT CELUI-CI**
[72] LAI, DEN-HORNG, TW
[72] CHIEN, KE-CHENG, TW
[72] HUANG, CHENG-LIN, TW
[71] BROGENT TECHNOLOGIES INC., TW
[22] 2016-11-03
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[54] **SYSTEM FOR AN INLET GUIDE VANE SHROUD AND BAFFLE ASSEMBLY**
[54] **SYSTEME POUR ENSEMBLE CHICANE ET ENVELOPPE D'AUBES DE GUIDAGE D'ADMISSION**
[72] LOBOCKI, MARCIN JACEK, PL
[72] WARDECKI, WIKTOR KAROL, PL
[72] STASZEWSKI, MACIEJ, PL
[72] KULESA, JOSEPH CHARLES, US
[71] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **HEAT EXCHANGER FOR EMBEDDED ENGINE APPLICATIONS: TRANSDUCT SEGMENTS**
[54] **ECHANGEUR DE CHALEUR DESTINE A DES APPLICATIONS POUR MOTEUR EMBARQUE : SEGMENTS TRANSCONDUITS**
[72] CERNY, MATTHEW ROBERT, US
[72] MENARD, JEFFREY RAYMOND, US
[72] KUPISZEWSKI, THOMAS, US
[72] PEGRAM, JOHNATHEN, US
[71] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **HEAT EXCHANGER FOR EMBEDDED ENGINE APPLICATIONS**
[54] **ECHANGEUR DE CHALEUR DESTINE A DES APPLICATIONS POUR MOTEUR EMBARQUE**
[72] CERNY, MATTHEW ROBERT, US
[72] MENARD, JEFFREY RAYMOND, US
[72] KUPISZEWSKI, THOMAS, US
[72] PEGRAM, JOHNATHEN DANIEL, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **SYSTEME DE RANGEMENT MODULAIRE**
[72] NIELSON, KEVIN W., CA
[71] NIELSON, KEVIN W., CA
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[54] **BOITE D'ENGRENAGES A INTERFACE ELLIPTIQUE**
[72] ATMUR, ROBERT J., US
[72] SARGENT, WILLIAM PATRICK, US
[71] THE BOEING COMPANY, US
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[41] 2017-07-06
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[54] **LASER ENCLOSURE**
[54] **ENCEINTE LASER**
[72] BROWN, ROBERT, US
[72] GIESE, WILLIAM R., US
[72] MILLER, ERIK, US
[71] ILLINOIS TOOL WORKS INC., US
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[41] 2017-07-04
[30] US (14/986,832) 2016-01-04

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[25] EN
[54] **METHOD OF REMOVING A COATING MADE OF AN ORGANIC MATERIAL ADHERING TO THE SURFACE OF TIN-PLATED SHEET STEEL**
[54] **METHODE D'ENLEVEMENT D'UN REVETEMENT FAIT D'UN MATERIAU ORGANIQUE ADHERANT A LA SURFACE D'UNE FEUILLE D'ACIER ETAMEE**
[72] LIEBSCHER, BENJAMIN, DE
[72] TSCHAGE, ANDREAS, DE
[71] THYSSENKRUPP RASSELSTEIN GMBH, DE
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[54] **LASER HARDENED CRANKSHAFT**
[54] **VILEBREQUIN DURCI AU LASER**
[72] KOPMANIS, MICHAEL A., US
[71] FORD MOTOR COMPANY, US
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[25] EN
[54] **ARROW REST ASSEMBLY WITH BIDIRECTIONAL BIAS TORQUE**
[54] **ENSEMBLE APPUIE-FLECHE AVEC COUPLE DE CHARGE BIDIRECTIONNEL**
[72] EACKER, CHRISTOPHER J., US
[71] BOWTECH, INC., US
[22] 2016-12-07
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[51] **Int.Cl. F16L 55/46 (2006.01)**
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[54] **SYSTEM AND METHOD OF PREVENTING FLOW BLOCKING WHEN USING AN AUTOMATED PIG LAUNCHER**
[54] **SYSTEME ET PROCEDE DE PREVENTION DE BLOCAGE D'ECOULEMENT LORS DE L'UTILISATION D'UN LANCEUR A RACLEURS AUTOMATISE**
[72] HAILEY, JEFFREY C., US
[72] SHOUSE, LEE R., JR., US
[72] KEENAN, WILLIAM C., US
[72] GEREN, TROY D., US
[72] KANDALAFT, TAREK, US
[71] TDW DELAWARE, INC., US
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[54] **ELECTRICAL SWITCHING APPARATUS, AND MOVABLE ARM ASSEMBLY AND MOVABLE ARM THEREFOR**
[54] **APPAREIL DE COMMUTATION ELECTRIQUE ET ENSEMBLE A BRAS MOBILE ET BRAS MOBILE CORRESPONDANT**
[72] COX, JEFFREY MICHEAL, US
[72] LOCKHART, JEFFREY WAYNE, US
[71] EATON CORPORATION, US
[22] 2016-12-16
[41] 2017-07-05
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[51] **Int.Cl. H02J 7/00 (2006.01) B60L 3/00 (2006.01) G01R 31/36 (2006.01) H01R 24/00 (2011.01)**
[25] EN
[54] **CHARGING STATION AND CONNECTOR THEREFOR, AND METHOD OF CHARGING AN ELECTRIC VEHICLE WITH A CHARGING STATION**
[54] **POSTE DE RECHARGE ET CONNECTEUR ASSOCIE, ET METHODE DE RECHARGE D'UN VEHICULE ELECTRIQUE A PARTIR DUDIT POSTE DE RECHARGE**
[72] RIVAS, MICHEL, US
[72] SEFF, PAUL DAVID, US
[72] ELDRIDGE, DAVID AUSTIN, US
[71] EATON CORPORATION, US
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[51] **Int.Cl. H01R 13/66 (2006.01) G06Q 50/06 (2012.01) H02J 13/00 (2006.01)**
[25] EN
[54] **MOUNTABLE WALL RECEPTACLES INCLUDING CURRENT SENSING AND ADDRESSABLE IDENTIFICATION AND MONITORING FUNCTIONALITIES VIA POWER-LINE COMMUNICATION**
[54] **PRISES MURALES MONTABLES COMPRENANT DES FONCTIONNALITES DE DETECTION DE COURANT ET D'IDENTIFICATION ET DE SURVEILLANCE ADRESSABLES PAR L'INTERMEDIAIRE D'UNE COMMUNICATION DE SECTEUR ELECTRIQUE**
[72] RICCIUTI, ANTHONY THOMAS, US
[71] EATON CORPORATION, US
[22] 2016-12-16
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[51] **Int.Cl. G08B 29/18 (2006.01) G05B 19/042 (2006.01) G10L 15/00 (2013.01) G08C 17/02 (2006.01)**
[25] EN
[54] **DEVICE ENROLLMENT IN A BUILDING AUTOMATION SYSTEM AIDED BY AUDIO INPUT**
[54] **INSCRIPTION DE DISPOSITIFS DANS UN SYSTEME D'AUTOMATISATION DE CONSTRUCTION FACILITEE PAR UNE ENTREE AUDIO**
[72] RAMAKRISHNAPPA, HARISH M., US
[72] ASWATH, RAVIKUMAR VEMAGAL, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-12-19
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[30] US (14/987,477) 2016-01-04

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[51] **Int.Cl. G08B 13/00 (2006.01) H04B 17/318 (2015.01) F21K 9/00 (2016.01) F21K 9/60 (2016.01) G08B 13/24 (2006.01) G08C 17/02 (2006.01) F21V 29/70 (2015.01)**
[25] EN
[54] **BARRIER PROTECTION AND LIGHTING SYSTEM**
[54] **SYSTEME DE PROTECTION ET D'ECLAIRAGE A BARRIERE**
[72] WEESE, JEREMY, CA
[71] SENSTAR CORPORATION, CA
[22] 2016-12-21
[41] 2017-07-04
[30] US (62/274,606) 2016-01-04

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[51] **Int.Cl. A61B 18/00 (2006.01) A61B 5/042 (2006.01) A61B 18/14 (2006.01) A61M 25/14 (2006.01)**
[25] EN
[54] **CATHETER WITH FLOW DIVERTER AND FORCE SENSOR**
[54] **CATHETER AVEC DEFLECTEUR DE DEBIT ET CAPTEUR DE FORCE**
[72] BEECKLER, CHRISTOPHER THOMAS, US
[72] GOVARI, ASSAF, US
[72] HETTEL, ROWAN OLUND, US
[72] DITTER, TOM ALLEN, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[41] 2017-07-05
[30] US (14/988,226) 2016-01-05

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[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING FEATURED PRODUCT INVENTORY**
[54] **SYSTEMES ET PROCEDES POUR SURVEILLER LES STOCKS DE PRODUITS PRESENTES**
[72] JONES, MATTHEW A., US
[72] JONES, NICHOLAUS A., US
[72] TAYLOR, ROBERT J., US
[72] VASGAARD, AARON J., US
[71] WAL-MART STORES, INC., US
[22] 2016-12-21
[41] 2017-07-06
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[13] A1
[51] **Int.Cl. H04W 48/16 (2009.01) H04W 52/02 (2009.01) G01D 21/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MULTI-SIM SELECTION**
[54] **PROCEDE ET APPAREIL POUR SELECTION MULTI-SIM**
[72] KORNELUK, JOSE EDUARDO, US
[72] SAXENA, SIDDHARTH, US
[72] CHENNAKESHU, SANDEEP, US
[72] BERRIZ, SERGIO, US
[71] BLACKBERRY LIMITED, CA
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[41] 2017-07-05
[30] US (14/987,897) 2016-01-05

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[13] A1
[51] **Int.Cl. H04W 28/08 (2009.01) H04W 24/02 (2009.01)**
[25] EN
[54] **CHANNEL MANAGEMENT IN WIRELESS NETWORKS**
[54] **GESTION DE VOIES DANS DES RESEAUX SANS FIL**
[72] RITTENHOUSE, GARRET E., US
[72] WIEMAN, JONATHAN, US
[71] SIMMONDS PRECISION PRODUCTS, INC., US
[22] 2016-12-21
[41] 2017-07-04
[30] US (14/987,536) 2016-01-04

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[13] A1
[51] **Int.Cl. F23R 3/02 (2006.01)**
[25] EN
[54] **COOLED COMBUSTOR FOR A GAS TURBINE ENGINE**
[54] **CHAMBRE DE COMBUSTION REFROIDIE POUR UNE TURBINE A GAZ**
[72] BENNETT, WILLIAM THOMAS, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-12-22
[41] 2017-07-05
[30] US (14/988,068) 2016-01-05

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[13] A1
[51] **Int.Cl. B25B 9/02 (2006.01) A44B 19/24 (2006.01) B65B 7/00 (2006.01)**
[25] EN
[54] **TOOL FOR SEALING A RESEALABLE ZIPPER LOCK BAG**
[54] **OUTIL DE FERMETURE D'UN SAC A FERMETURE A GLISSIERE REFERMABLE**
[72] KEEHNER, DAVID, CA
[71] KEEHNER, DAVID, CA
[22] 2016-12-22
[41] 2017-07-08
[30] US (62/276,405) 2016-01-08

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[13] A1
[51] **Int.Cl. B08B 3/08 (2006.01) C11D 17/04 (2006.01) F01D 25/00 (2006.01) F02C 7/00 (2006.01) C09G 1/02 (2006.01) C09K 3/14 (2006.01) C23G 5/06 (2006.01)**
[25] EN
[54] **ABRASIVE GEL DETERGENT FOR CLEANING GAS TURBINE ENGINE COMPONENTS**
[54] **DETERGENT EN GEL AVEC ABRASIF POUR LE NETTOYAGE DE COMPOSANTS DE TURBINE A GAZ**
[72] ERIKSEN, MICHAEL EDWARD, US
[72] CALDWELL, DAVID E., US
[72] TIBBETTS, NICOLE JESSICA, US
[72] KULKARNI, AMBARISH JAYANT, US
[72] PRITCHARD, BYRON ANDREW, JR., US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-12-22
[41] 2017-07-05
[30] US (14/987,883) 2016-01-05

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[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01) A61B 90/00 (2016.01) A61B 18/04 (2006.01)**
[25] EN
[54] **STATUS OF AN IRRIGATION PUMP**
[54] **ETAT D'UNE POMPE D'IRRIGATION**
[72] GOVARI, ASSAF, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-12-22
[41] 2017-07-05
[30] US (14/988,176) 2016-01-05

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[13] A1
[51] **Int.Cl. H03K 3/84 (2006.01) G11C 17/18 (2006.01)**
[25] EN
[54] **PUF VALUE GENERATION USING AN ANTI-FUSE MEMORY ARRAY**
[54] **GENERATION DE VALEUR DE FONCTION PHYSIQUE NON CLONABLE AU MOYEN D'UN RESEAU DE MEMOIRES ANTIFUSIBLES**
[72] GRIGORIEV, GRIGORI, CA
[72] GAVRILOV, ROMAN, CA
[72] IVANOV, OLEG, CA
[71] SIDENSE CORP., CA
[22] 2016-12-30
[41] 2017-07-08
[30] US (62/276,458) 2016-01-08

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[13] A1
[51] **Int.Cl. A47G 29/00 (2006.01) A47B 77/12 (2006.01) A47J 47/16 (2006.01) F16M 11/20 (2006.01)**
[25] EN
[54] **ROLLABLE DRAWER SYSTEM**
[54] **SYSTEME A TIROIRS POUVANT ROULER**
[72] LIPPER MCCAULEY, AMY, US
[71] LIPPER INTERNATIONAL, INC., US
[22] 2016-12-28
[41] 2017-07-06
[30] US (14/989,399) 2016-01-06

[21] **2,953,453**
[13] A1
[51] **Int.Cl. A61M 36/04 (2006.01) A61B 17/08 (2006.01) A61B 17/10 (2006.01) A61M 31/00 (2006.01)**
[25] EN
[54] **BRACHYTHERAPY CLIP AND APPLICATOR**
[54] **PINCE DE BRACHYTERAPIE ET APPLICATEUR**
[72] RACENET, DAVID, US
[72] HODGKINSON, GERALD, US
[72] KACHRU, ABHINAV, US
[71] COVIDIEN LP, US
[22] 2017-01-04
[41] 2017-07-06
[30] US (14/989,406) 2016-01-06

[21] **2,953,481**
[13] A1
[51] **Int.Cl. A61M 27/00 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **MOTORIZED CHEST DRAINAGE SYSTEM**
[54] **DISPOSITIF DE DRAINAGE DE POITRINE MOTORISE**
[72] MUKHERJEE, NILAY, US
[72] SHAH, SACHIN, US
[72] RACENET, DAVID, US
[71] COVIDIEN LP, US
[22] 2017-01-04
[41] 2017-07-07
[30] US (62/275,829) 2016-01-07
[30] US (15/378,532) 2016-12-14

[21] **2,953,486**
[13] A1
[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/00 (2006.01) A61B 17/94 (2006.01)**
[25] EN
[54] **SURGICAL FASTENER APPARATUS**
[54] **APPAREIL D'AGRAFAGE CHIRURGICAL**
[72] SHAH, SACHIN, US
[72] KOSTRZEWSKI, STANISLAW, US
[71] COVIDIEN LP, US
[22] 2017-01-04
[41] 2017-07-07
[30] US (62/275,993) 2016-01-07
[30] US (15/377,086) 2016-12-13

[21] **2,953,547**
[13] A1
[51] **Int.Cl. G01S 19/34 (2010.01) G01S 19/12 (2010.01) G01D 21/02 (2006.01)**
[25] EN
[54] **MOBILE TRANSCEIVER WITH ADAPTIVE MONITORING AND REPORTING**
[54] **EMETTEUR-RECEPTEUR MOBILE AVEC SURVEILLANCE ET COMMUNICATION ADAPTATIVES**
[72] KORNELUK, JOSE EDUARDO, US
[72] SAXENA, SIDDHARTH, US
[72] CHENNAKESHU, SANDEEP, US
[72] BERRIZ, SERGIO JAVIER, US
[71] BLACKBERRY LIMITED, CA
[22] 2016-12-22
[41] 2017-07-05
[30] US (14/987,928) 2016-01-05

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2 juillet 2017 au 8 juillet 2017

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[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 90/30 (2016.01) A61B 17/32 (2006.01) A61B 17/94 (2006.01)**
[25] EN
[54] **OPTICAL REGISTRATION OF ROTARY SINUPLASTY CUTTER**
[54] **ALIGNEMENT OPTIQUE D'UN COUTEAU DE SINUPLASTIE ROTATIF**
[72] GOVARI, ASSAF, IL
[72] GLINER, VADIM, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-01-04
[41] 2017-07-06
[30] US (14/989,354) 2016-01-06

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[21] **2,953,553**
[13] A1
[51] **Int.Cl. E04F 21/06 (2006.01) B62B 1/16 (2006.01) E04D 15/00 (2006.01)**
[25] EN
[54] **MOBILE CART FOR SPRAY DISPENSING**
[54] **CHARIOT MOBILE SERVANT A DISTRIBUER UNE PULVERISATION**
[72] MOORE, RICHARD L., US
[72] EVERHARDT, AUGUSTUS, US
[71] BLACK CAT, INC., US
[22] 2017-01-04
[41] 2017-07-07
[30] US (14/990,227) 2016-01-07

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[21] **2,953,588**
[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01)**
[25] EN
[54] **LIGHTING DEVICE WITH COLOR TEMPERATURE GRADATION AND METHOD OF USING THE SAME**
[54] **DISPOSITIF D'ECLAIRAGE AVEC GRADATION DE TEMPERATURE DE COULEUR ET PROCEDE D'UTILISATION DE CELUI-CI**
[72] MORNEAU, DAVE, CA
[71] ARTIKA FOR LIVING INC., CA
[22] 2017-01-05
[41] 2017-07-05
[30] US (62/275,208) 2016-01-05

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[21] **2,953,589**
[13] A1
[51] **Int.Cl. G01V 15/00 (2006.01) H01Q 1/38 (2006.01) H01Q 7/00 (2006.01) G08B 13/24 (2006.01)**
[25] EN
[54] **THERMAL SCALE RADIO FREQUENCY LABEL**
[54] **ETIQUETTE RADIOFREQUENCE A ECHELLE THERMIQUE**
[72] WHEELER, NOLAN, CA
[72] GEISLER, VINCE, CA
[71] SYNQ ACCESS + SECURITY TECHNOLOGY LTD., CA
[22] 2017-01-05
[41] 2017-07-05
[30] CA (2916700) 2016-01-05

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[21] **2,953,594**
[13] A1
[51] **Int.Cl. F01D 5/18 (2006.01) F01D 25/12 (2006.01)**
[25] EN
[54] **TURBINE AIRFOIL TRAILING EDGE COOLING PASSAGE**
[54] **PASSAGE DE REFROIDISSEMENT DE BORD DE TRAINEE DE PROFIL AERODYNAMIQUE D'UNE TURBINE**
[72] ALLEN, JASON RANDOLPH, US
[72] FREDERICK, ROBERT ALAN, US
[72] BRIGGS, ROBERT DAVID, US
[72] TUERTSCHER, MICHAEL RAY, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-05
[41] 2017-07-08
[30] US (14/990,920) 2016-01-08

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[21] **2,953,599**
[13] A1
[51] **Int.Cl. F02C 9/22 (2006.01) F01D 9/02 (2006.01)**
[25] EN
[54] **VARIABLE STATOR VANE UNDERCUT BUTTON**
[54] **BOUTON DE CONTRE-DEPOUILLE D'AUBE DE STATOR VARIABLE**
[72] SAK, WOJCIECH, US
[72] TAYLOR, TIMOTHY WILLIAM, US
[72] CROSBY, WALTER GLEN, IV, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-05
[41] 2017-07-06
[30] US (14/989,088) 2016-01-06

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[21] **2,953,601**
[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 25/12 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **STATOR RIM FOR A TURBINE ENGINE**
[54] **REBORD DE STATOR DESTINE A UNE TURBINE A GAZ**
[72] RATZLAFF, JONATHAN RUSSELL, US
[72] MONTGOMERY, JULIUS JOHN, US
[72] HOGAN, MICHAEL THOMAS, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-05
[41] 2017-07-08
[30] US (14/990,885) 2016-01-08

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[21] **2,953,603**
[13] A1
[51] **Int.Cl. E04B 9/12 (2006.01)**
[25] EN
[54] **CROSS RUNNER TO MAIN RUNNER ANCHOR CLIP**
[54] **PINCE D'ANCRAGE DU COULISSEAU PRINCIPAL AU COULISSEAU TRANSVERSAL**
[72] CARBAJAL, VICTOR M., US
[71] USG INTERIORS, LLC, US
[22] 2017-01-03
[41] 2017-07-06
[30] US (14/988,989) 2016-01-06

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[21] **2,953,612**
[13] A1
[51] **Int.Cl. H04L 29/10 (2006.01) H04L 12/935 (2013.01) B64D 47/00 (2006.01) G06F 13/00 (2006.01) H04L 12/413 (2006.01)**
[25] EN
[54] **PROVIDING AN INTERFACE FOR AN AVIONICS DATA TRANSFER SYSTEM**
[54] **FOURNITURE D'UNE INTERFACE DESTINEE A UN MECANISME DE TRANSFERT DE DONNEES D'AVIONIQUE**
[72] VAN STENSEL, JONATHAN PAUL, US
[72] HOLMWOOD, COLIN, US
[72] MOLLING, HARRY, US
[71] GE AVIATION SYSTEMS LLC, US
[22] 2017-01-05
[41] 2017-07-08
[30] US (14/990,965) 2016-01-08

[21] **2,953,634**
[13] A1
[51] **Int.Cl. F41G 1/38 (2006.01)**
[25] EN
[54] **ADJUSTING APPARATUS FOR SETTING A RIFLE SCOPE, AND RIFLE SCOPE EQUIPPED WITH THE SAID ADJUSTING APPARATUS**
[54] **APPAREIL DE REGLAGE POUR REGLER UNE LUNETTE DE VISEE ET LUNETTE DE VISEE MUNIE DUDIT APPAREIL**
[72] LASSAK, RAPHAEL, DE
[72] SCHMIDT, WERNER, DE
[71] SCHMIDT & BENDER GMBH & CO. KG, DE
[22] 2017-01-05
[41] 2017-07-06
[30] DE (10 2016 100 219.4) 2016-01-06

[21] **2,953,678**
[13] A1
[51] **Int.Cl. H02M 7/44 (2006.01) H02M 1/00 (2007.10) H02M 1/08 (2006.01) H02M 7/537 (2006.01)**
[25] EN
[54] **POWER CONVERTER**
[54] **CONVERTISSEUR DE PUISSANCE**
[72] JONES, FRANKLIN B., US
[72] NEHRING, ANDREW L., US
[72] JONES, DANIEL T., US
[72] HUMMEL, ROBERT A., US
[72] DONAHUE, ERIC D., US
[71] ATSE, LLC, US
[22] 2017-01-05
[41] 2017-07-05
[30] US (62/274,872) 2016-01-05

[21] **2,953,710**
[13] A1
[51] **Int.Cl. F23L 11/00 (2006.01) F23L 13/00 (2006.01)**
[25] EN
[54] **IMPROVED DAMPER SYSTEM FOR HEATER STACK**
[54] **MECANISME DE VOLET AMELIORE DESTINE A UNE CHEMINEE DE CHAUFFAGE**
[72] GARG, ASHUTOSH, US
[71] GARG, ASHUTOSH, US
[22] 2017-01-05
[41] 2017-07-07
[30] US (14/990/256) 2016-01-07

[21] **2,953,750**
[13] A1
[51] **Int.Cl. G06Q 40/00 (2012.01) G06F 15/18 (2006.01)**
[25] EN
[54] **COMPUTER PROCESSING OF FINANCIAL PRODUCT INFORMATION AND INFORMATION ABOUT CONSUMERS OF FINANCIAL PRODUCTS**
[54] **TRAITEMENT INFORMATIQUE DE RENSEIGNEMENTS DE PRODUIT FINANCIER ET RENSEIGNEMENTS A PROPOS DE CONSOMMATEURS DE PRODUITS FINANCIERS**
[72] RANFT, JOSEPH THOMAS, US
[72] COLLINS, SEAN, US
[72] MORIARTY, KERRI ANN, US
[72] BAKER, CHARLES F., IV, US
[71] CONNECT FINANCIAL LLC, US
[22] 2017-01-05
[41] 2017-07-07
[30] US (14/989,935) 2016-01-07

[21] **2,953,758**
[13] A1
[51] **Int.Cl. B22F 7/08 (2006.01) B23K 1/19 (2006.01) B23P 6/04 (2006.01) C22C 19/05 (2006.01)**
[25] EN
[54] **SUPERALLOY COMPOSITE PREFORMS AND APPLICATIONS THEREOF**
[54] **PREFORMES DE COMPOSITE DE SUPERALLIAGE ET APPLICATIONS ASSOCIEES**
[72] PEREZ, MARTIN GERARDO, US
[72] DE WET, DANIEL J., US
[72] DAWSON, JOEL, US
[72] MONDS, ROBERT, US
[71] KENNAMETAL INC., US
[22] 2017-01-05
[41] 2017-07-08
[30] US (62/276,723) 2016-01-08

[21] **2,953,844**
[13] A1
[51] **Int.Cl. G01F 25/00 (2006.01) B64D 13/00 (2006.01) B64D 47/00 (2006.01) F24F 11/00 (2006.01) G05D 7/06 (2006.01)**
[25] EN
[54] **ECONOMICAL ENVIRONMENTAL CONTROL SYSTEM (ECS) SMART VENTURI**
[54] **VENTURI INTELLIGENT POUR SYSTEME DE CONDITIONNEMENT D'AIR ECONOMIQUE**
[72] ARMY, DONALD E., US
[72] MALJANIAN, JOHN M., JR., US
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2017-01-05
[41] 2017-07-06
[30] US (14/989,257) 2016-01-06

[21] **2,953,851**
[13] A1
[51] **Int.Cl. H01R 43/042 (2006.01)**
[25] EN
[54] **CRIMP TOOL FOR MODULAR ELECTRICAL CONNECTORS AND METHODS OF ASSEMBLING SAME**
[54] **OUTIL DE SERTISSAGE DE CONNECTEURS ELECTRIQUES MODULAIRES ET METHODE D'ASSEMBLAGE ASSOCIEE**
[72] SUTTER, ROBERT W., US
[71] IDEAL INDUSTRIES, INC., US
[22] 2017-01-05
[41] 2017-07-08
[30] US (62/276,656) 2016-01-08
[30] US (62/416,976) 2016-11-03
[30] US (15/397,874) 2017-01-04

[21] **2,953,904**
[13] A1
[51] **Int.Cl. E04B 1/70 (2006.01) E04B 1/62 (2006.01)**
[25] EN
[54] **DRAINABLE WEATHER RESISTIVE BARRIER**
[54] **BARRIERE DRAINABLE RESISTANT AUX INTEMPERIES**
[72] HICKIE, BRIAN ANDREW, US
[72] FARELL, GREGORY WAGNER, US
[71] AVINTIV SPECIALTY MATERIALS INC., US
[22] 2017-01-06
[41] 2017-07-08
[30] US (62/276,395) 2016-01-08

[21] **2,953,906**
[13] A1
[51] **Int.Cl. B61D 5/00 (2006.01) B61D 27/00 (2006.01) B61D 49/00 (2006.01)**
[25] EN
[54] **ACTUATING INDUCTOR PLACEMENT ASSEMBLY**
[54] **ENSEMBLE ACTIONNEUR DE POSITIONNEMENT D'INDUCTEUR**
[72] HOFFMAN, MICHAEL, US
[71] HYDRA HEATING INDUSTRIES, LLC, US
[22] 2017-01-06
[41] 2017-07-06
[30] US (62/275,333) 2016-01-06

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[21] **2,953,919**
[13] A1
[51] **Int.Cl. B60R 19/04 (2006.01) B60R 19/18 (2006.01)**
[25] EN
[54] **BUMPER ASSEMBLIES AND VEHICLES COMPRISING SAME**
[54] **ASSEMBLAGES DE PARE-CHOCS ET VEHICULES COMPORTANT LEDIT ASSEMBLAGE**
[72] FABIANO, FRANK ANTHONY, US
[72] ERNST, NATHAN GARRETT, US
[71] MORGAN OLSON CORPORATION, US
[22] 2017-01-06
[41] 2017-07-07
[30] US (62/275,947) 2016-01-07

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[13] A1
[51] **Int.Cl. G09B 9/00 (2006.01) A61B 3/02 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **SHAPE AND SIGNAL ADJUSTABLE MOTION SIMULATION SYSTEM**
[54] **SYSTEME DE SIMULATION DE MOUVEMENT REGLABLE EN FORME ET EN SIGNAL**
[72] YOO, HERBERT, US
[72] BINGOLD, JOSEPH, US
[71] SENAPTEC LLC, US
[22] 2017-01-06
[41] 2017-07-07
[30] US (62/275802) 2016-01-07

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[21] **2,953,980**
[13] A1
[51] **Int.Cl. B44D 3/14 (2006.01) B05C 21/00 (2006.01) B44D 3/12 (2006.01)**
[25] EN
[54] **THUMB HOLE PAINT CONTAINER AND HOLDER**
[54] **CONTENANT DE PEINTURE DOTE D'UN TROU POUR LE POUCE ET SUPPORT**
[72] FEE, GARRY C., US
[72] MORPHEY, JOHN C., US
[71] NOVA WILDCAT SHUR-LINE, LLC, US
[22] 2017-01-09
[41] 2017-07-08
[30] US (62/276,613) 2016-01-08
[30] US (15/400,695) 2017-01-06

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[21] **2,953,991**
[13] A1
[51] **Int.Cl. B62D 55/24 (2006.01) B62D 55/08 (2006.01)**
[25] EN
[54] **TRACK SYSTEM FOR TRACTION OF A VEHICLE**
[54] **SYSTEME DE CHENILLE POUR LA TRACTION D'UN VEHICULE**
[72] DANDURAND, JULES, CA
[72] LABBE, PASCAL, CA
[72] DAVIS, JASON, US
[72] LOCHNIKAR, DANIEL, US
[71] CAMSO INC., CA
[22] 2017-01-06
[41] 2017-07-07
[30] US (62/275,944) 2016-01-07
[30] US (62/337,101) 2016-05-16

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[13] A1
[51] **Int.Cl. G07D 7/0043 (2016.01) G07D 7/162 (2016.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTHENTICATION OF PHYSICAL FEATURES ON IDENTIFICATION DOCUMENTS**
[54] **SYSTEMES ET METHODES D'AUTHENTIFICATION DE CARACTERISTIQUES PHYSIQUES DE DOCUMENTS D'AUTHENTIFICATION**
[72] KUKLINSKI, THEODORE, US
[72] MONK, BRUCE, US
[72] RODRIGUEZ, RAPHAEL, US
[71] CONFIRM, INC., US
[22] 2017-01-06
[41] 2017-07-08
[30] US (62/276,557) 2016-01-08

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[13] A1
[51] **Int.Cl. G06Q 40/02 (2012.01)**
[25] EN
[54] **AN IMPROVEMENT TO THE PERFORMANCE OF A REMOTELY MANAGED CUSTOMER SERVICE SYSTEM**
[54] **UNE AMELIORATION DU RENDEMENT D'UN SYSTEME DE SERVICE A LA CLIENTELE GERE A DISTANCE**
[72] NICHOLSON, MARK, CA
[72] VINAY, VENUGOPAL, CA
[71] TANGERINE BANK, CA
[22] 2017-01-09
[41] 2017-07-07
[30] US (62/275,979) 2016-01-07

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[13] A1
[51] **Int.Cl. F16M 3/00 (2006.01) B25H 5/00 (2006.01) B62B 3/00 (2006.01) F25B 45/00 (2006.01)**
[25] EN
[54] **REFRIGERANT MANAGEMENT SYSTEM WITH OPERATIONAL EFFICIENCY IMPROVEMENT DEVICES**
[54] **SYSTEME DE GESTION DE FRIGORIGENE AVEC DISPOSITIFS D'AMELIORATION D'EFFICACITE OPERATIONNELLE**
[72] PLASEK, RONALD A., US
[72] JOHNSON, KARL, US
[72] TRUITT, PETER, US
[71] RITCHIE ENGINEERING COMPANY, INC., US
[22] 2017-01-06
[41] 2017-07-06
[30] US (14/989,403) 2016-01-06

[21] **2,954,216**
[13] A1
[51] **Int.Cl. G05G 1/01 (2009.01) E05B 1/00 (2006.01) G05G 1/04 (2006.01)**
[25] EN
[54] **RETRACTABLE SCREEN DOOR HANDLE ASSEMBLY**
[54] **ENSEMBLE DE POIGNEE DE PORTE MOUSTIQUAIRE RETRACTABLE**
[72] DEBENEDETTI, STEPHEN, US
[72] SEEVERS, JOHN, US
[71] J & S COMPANY LLC, US
[22] 2017-01-06
[41] 2017-07-06
[30] US (62/275,495) 2016-01-06
[30] US (15/400,228) 2017-01-06

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[13] A1
[51] **Int.Cl. E06B 1/70 (2006.01)**
[25] EN
[54] **SILL WITH DETACHABLE WATER DRAINAGE TROUGH FOR HIGH DIFFERENTIAL PRESSURE PERFORMANCE**
[54] **PLATEAU COMPORTANT UN CANAL D'EVACUATION D'EAU AMOVIBLE PERMETTANT UN RENDEMENT ELEVE A PRESSION DIFFERENTIELLE**
[72] GRAETSCH, CHRIS F., US
[72] EDWARDS, CHRISTOPHER D., US
[72] TOTTEN, ARIN A., US
[72] KINDT, DEREK L., US
[72] YAGLA, DAVID L., US
[71] JELD-WEN, INC., US
[22] 2017-01-06
[41] 2017-07-08
[30] US (62/276788) 2016-01-08

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[21] **2,954,233**
[13] A1
[51] **Int.Cl. B60S 1/04 (2006.01)**
[25] EN
[54] **WIPER BLADE ASSEMBLY PROTECTOR AND METHOD OF PROTECTING A WIPER BLADE ASSEMBLY**
[54] **PROTECTEUR D'ENSEMBLE D'ESSUI-GLACE ET METHODE DE PROTECTION D'UN ENSEMBLE D'ESSUI-GLACE**
[72] DEGENNARO, SERGIO K., US
[71] DEGENNARO, SERGIO K., US
[22] 2017-01-06
[41] 2017-07-07
[30] US (62/275,844) 2016-01-07
[30] US (15/399,870) 2017-01-06

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[21] **2,960,847**
[13] A1
[51] **Int.Cl. A61B 34/10 (2016.01) G06F 19/00 (2011.01)**
[25] EN
[54] **BODY SCANNING DEVICE**
[54] **DISPOSITIF DE BALAYAGE DE CORPS**
[72] SERBAN, DIANA, CA
[72] BESERMINJI, MIROSLAV, CA
[71] SERBAN, DIANA, CA
[71] BESERMINJI, MIROSLAV, CA
[22] 2017-03-15
[41] 2017-07-04

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[13] A1
[51] **Int.Cl. G09B 9/00 (2006.01) G09B 9/12 (2006.01)**
[25] EN
[54] **A SYSTEM FOR CALIBRATING VIBRATIONS IN THE CONTEXT OF SIMULATION**
[54] **SYSTEME D'ETALONNAGE DE VIBRATIONS DANS UN CONTEXTE DE SIMULATION**
[72] MARCOTTE, NICOLAS, CA
[71] CAE INC, CA
[22] 2017-03-31
[41] 2017-07-05

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[13] A1
[51] **Int.Cl. G09B 9/00 (2006.01) G09B 9/12 (2006.01)**
[25] EN
[54] **A SYSTEM FOR CALIBRATING REFRACTED VIBRATIONS IN THE CONTEXT OF SIMULATION**
[54] **SYSTEME D'ETALONNAGE DE VIBRATIONS REFRACTEES DANS UN CONTEXTE DE SIMULATION**
[72] MARCOTTE, NICOLAS, CA
[71] CAE INC, CA
[22] 2017-03-31
[41] 2017-07-05

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[21] **2,965,581**
[13] A1
[51] **Int.Cl. B03B 9/02 (2006.01)**
[25] EN
[54] **HEAT RECOVERY FROM OIL SAND TAILINGS UTILIZING A FLUIDIZED BED**
[54] **RECUPERATION DE CHALEUR A PARTIR DE RESIDUS DE SABLE BITUMINEUX AU MOYEN D'UN LIT FLUIDISE**
[72] ESMAEILI, PAYMAN, CA
[72] SPEIRS, BRIAN C., CA
[71] IMPERIAL OIL RESOURCES LIMITED, CA
[22] 2017-04-28
[41] 2017-07-05

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[13] A1
[51] **Int.Cl. B03B 9/02 (2006.01) B03D 1/02 (2006.01)**
[25] EN
[54] **WATER-BASED OIL SAND EXTRACTION USING OVERWASH**
[54] **EXTRACTION DE SABLES BITUMINEUX A BASE D'EAU UTILISANT L'ENNOIEMENT**
[72] SAKUHUNI, GIVEMORE, CA
[72] CASTELLANOS DUARTE, DIANA Y., US
[72] CULLINANE, JOHN T., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **LAMPE D'ECLAIRAGE PHOTOGRAPHIQUE A DEL INTERCHANGEABLE A MODE D'ECLAIRAGE DIRECT ET MODE D'ECLAIRAGE DOUX**
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[54] **PROCESS FOR PRODUCING A PUFA-CONTAINING FEEDSTUFF BY EXTRUDING A PUFA-CONTAINING BIOMASS**
[54] **PROCEDE DE PRODUCTION D'UN ALIMENT POUR ANIMAUX CONTENANT DES AGPI PAR EXTRUSION D'UNE BIOMASSE CONTENANT DES AGPI**
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[72] SILVA, AMELIA CLAUDIA, DE
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[54] **METHOD FOR PRODUCING A GRANULAR BIOMASS WHICH CONTAINS AN OXIDATION-SENSITIVE VALUABLE SUBSTANCE**
[54] **PROCEDE DE FABRICATION D'UNE BIOMASSE GRANULEE CONTENANT UNE MATIERE VALORISABLE SENSIBLE A L'OXYDATION**
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[54] **ALIMENTATION ELECTRIQUE DU TYPE POUR SOUDAGE A TRANSFORMATEUR DE SOUDAGE**
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[54] **COMPOSITES DE CARBONE ET LEURS PROCEDES DE FABRICATION**
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[54] **ANTICORPS DIRIGES CONTRE LE RECEPTEUR DU FACTEUR DE NECROSE TUMORALE INDUIT PAR GLUCOCORTICOIDES (GITR) ET LEURS PROCEDES D'UTILISATION**
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[72] STROEBECH, ESBEN, DK
[72] HANSEN, KRISTOFFER, DK
[72] SUND, ANDERS GROVE, DK
[72] BEJENARIU, ANCA GABRIELA, DK
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[54] **COMPOSITIONS ET PROCEDES PERMETTANT D'AMELIORER LA MOBILITE OU L'ACTIVITE OU DE TRAITER UNE FRAGILITE**
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[54] **INDICATEUR DE STERILISATION BIOLOGIQUE AVEC MODULATEUR DE RESISTANCE AUX AGENTS STERILISANTS**
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[72] BENNAARS-EIDEN, ASSUMPTA A. G., US
[72] AHIMOU, FRANCOIS, US
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[54] **COMPOSITIONS POUR UTILISATION DANS L'EXTRACTION DE LA MYCOTOXINE**
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[72] VISWAPRAKASH, NANDURI, US
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[54] **PREPARATIONS DE LECITHINE MARINE A RESISTANCE ACCRUE A L'OXYDATION**
[72] BEN-DROR, GAI, IL
[72] NUMA, RAN, IL
[72] SHEFFER DEE-NOOR, SHANI, IL
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[54] **REGENERATION OSSEUSE A L'AIDE DE MATERIAUX NANOCOMPOSITES POLYMERES BIODEGRADABLES ET APPLICATIONS ASSOCIEES**
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[54] **DETECTION DE CRETE DE FORME D'ONDE ET SYNCHRONISATION POUR LES APPLICATIONS RADAR**
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[54] **COMPOSITIONS ET PROCEDES D'UTILISATION POUR UNE REPONSE IMMUNITAIRE ACCRUE ET TRAITEMENT CONTRE LE CANCER**
[72] BROGDON, JENNIFER, US
[72] CIPOLLETTA, DANIELA, US
[72] DRANOFF, GLENN, US
[72] KNEE, DEBORAH A., US
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[54] **SYSTEME ET PROCEDE POUR CARACTERISER ET IDENTIFIER DES MODES DE FONCTIONNEMENT DE CHARGES ELECTRIQUES**
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[72] MADANE, MAYURA ARUN, IN
[72] ZAMBARE, PRACHI SURESH, IN
[71] EATON CORPORATION, US
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[54] **ENSEMBLE DE DETECTION D'EFFICACITE DE COUPLAGE OPTIQUE ET PROCEDE D'ASSEMBLAGE CORRESPONDANT**
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[71] NOVARTIS AG, CH
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[54] **LASER A CAVITE EXTERNE COMPRENANT UN RESONATEUR A CRISTAL PHOTONIQUE**
[72] DEBNATH, KAPIL, GB
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[72] ESCADAS RAMOS MARTINS, RUI MANUEL, PT
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[54] **SYSTEMES DE SOLVANTS AMELIORES POUR LE DICYANDIAMIDE ET/OU LE TRIAMIDE ALKYLTHIOPHOSPHORIQUE ET LEUR UTILISATION DANS DES APPLICATIONS AGRICOLES**
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[72] SEZENNA, ELENA, IT
[72] CAREGHINI, ALESSANDRO, IT
[72] MASTORGIO, ANDREA FILIPPO, IT
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[54] **PLATE-FORME DE CAPTEURS POUR SURVEILLANCE DE MAGASIN DESTINEE A AMELIORER L'EXPERIENCE CLIENT ET L'ANALYSE DE DONNEES**
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[54] **IDENTIFICATION DE TAILLE DE SOUS-FORME DE LIPOPROTEINE(A) PAR ELECTROPHORESE ISOTACHOPHORESE CAPILLAIRE AVEC FLUORESCENCE INDUITE PAR LASER**
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[54] **PROCEDES ET APPAREILS D'IMAGERIE PERMETTANT DE REALISER UNE IMAGERIE PAR ELASTOGRAPHIE PAR ONDES DE CISAILLEMENT**
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[72] HULSKOTTER, FRANK, DE
[72] MURKUNDE, ROHAN GOVIND, GB
[72] GOODALL, KEVIN GEORGE, BE
[72] REINOSO-GARCIA, MARTA, DE
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[71] THOMAS DUDLEY LIMITED, GB
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[72] DUBOVOY, VIKTOR, US
[72] DU-THUMM, LAURENCE, US
[72] MISNER, STEVEN, US
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[54] **SYSTEME ET PROCEDE DE PRODUCTION DE GAZ NATUREL LIQUEFIE**
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[72] YONKER, GREG, US
[72] KERTH, JASON M., US
[71] DRESSER-RAND COMPANY, US
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[72] FUSCO, ADAM JOSEPH, US
[72] GOPALAKRISHNAN, KARTHIK, US
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[54] **VITRAGE A JOINT PROFILE, ENJOLIVEUR ET NOYAU ET PROCEDE DE FABRICATION DU VITRAGE**
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[71] TEGA INDUSTRIES LIMITED, IN
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[72] USOVA, ZINAIDA YURIEVNA, RU
[72] USOLTSEV, DMITRIY, US
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[54] **ENSEMBLES SOUPAPE D'EXTRACTION AU GAZ AYANT UNE BARRIERE D'ECOULEMENT DE FLUIDE ET LEURS PROCEDES D'ASSEMBLAGE**
[72] OTTA, SHOURYA PRAKASH, US
[72] TURNQUIST, NORMAN ARNOLD, US
[72] LUSTED, RODERICK MARK, US
[72] QI, XUELE, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **ENSEMBLES SOUPAPES D'EXTRACTION AU GAZ ET PROCEDES D'ASSEMBLAGE DE CEUX-CI**
[72] QI, XUELE, US
[72] TURNQUIST, NORMAN ARNOLD, US
[72] LUSTED, RODERICK MARK, US
[72] SAMUDRALA, OMPRAKASH, US
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[72] WANG, JIFENG, US
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[54] **COMPOSITIONS DE STABILISANT ET LEURS PROCEDES D'UTILISATION AFIN DE PROTEGER DES MATIERES ORGANIQUES DE LA LUMIERE ULTRAVIOLETTE ET DE LA DEGRADATION THERMIQUE**
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[72] KOZAKIEWICZ, JOSEPH, US
[72] GUPTA, RAM B., US
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[54] **ECHANGEUR COMPACT POUR LE TRANSPORT CRYOGENIQUE EN INJECTION INDIRECTE**
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[72] DALLAIS, ANTONY, FR
[72] CLEMENT, CECILE, FR
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[54] **GROUPE PROPULSEUR A MOYENS D'ACCOUPLEMENT SELECTIF**
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[72] CHARTRAIN, DIDIER, FR
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[54] **PROCEDE ET SYSTEME DE COMMANDE POUR OPTIMISER LA PRODUCTION D'UN PUITS D'HYDROCARBURE**
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[72] KAISARE, NIKET, IN
[72] GUPTA, ARUN, IN
[71] ABB SCHWEIZ AG, CH
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[54] **ECRANS TACTILES ANTIREFLET ET AUTRES ARTICLES REVETUS, ET LEURS PROCEDES DE FORMATION**
[72] LU, SONGWEI, US
[71] PPG INDUSTRIES OHIO, INC., US
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[54] **APPAREIL DE DECOUPE D'ALIMENTS**
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[72] SUDMALIS, ROLAND, US
[71] COLUMBIA INSURANCE COMPANY, US
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[72] BOOKBINDER, DANA CRAIG, US
[72] FIACCO, RICHARD MICHAEL., US
[72] GROSS, TIMOTHY MICHAEL., US
[71] CORNING INCORPORATED, US
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[54] **NOUVEAU COMPOSE D'URACILE COUPLE POUR RESINES POLYMERES DE TYPE CHLORURE DE VINYLE**
[72] COX, ADAM, US
[72] PROUST, NICOLAS, US
[72] HANTHORN, JASON J., US
[72] NIE, LI, US
[71] LUBRIZOL ADVANCED MATERIALS, INC., US
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[54] **A METHOD AND DEVICE FOR COMPACTING THE BALLAST BED OF A TRACK**
[54] **PROCEDE ET DISPOSITIF DE COMPACTION D'UN LIT DE BALLAST D'UNE VOIE FERREE**
[72] LICHTBERGER, BERNHARD, AT
[71] HP3 REAL GMBH, AT
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[54] **PROCEDE DE TRAITEMENT SUPERFICIEL D'UNE PIECE EN ACIER PAR NITRURATION OU NITROCARBURATION, OXYDATION PUIS IMPREGNATION**
[72] MAGDINIER, PIERRE-LOUIS, FR
[72] DESBOUCHE-JANNY, MARIE-NOELLE, FR
[71] H.E.F., FR
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[72] BIDERMAN, ASSAF, US
[72] BARBER, ERIC, US
[72] FONG, LONG HIN, US
[72] ROY, ROBERT PAUL, US
[72] HEINZMANN, JOHN DAVID, US
[72] WEINSTEIN, JEFFREY JAY, US
[72] ZIOLEK, MICHAEL, US
[71] SUPERPEDESTRIAN, INC., US
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[71] RESEARCH ENGINEERING & MANUFACTURING INC., US
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[54] **COMPOSITIONS SOL-GEL FILMOGENES DURCISSABLES ET ARTICLES ENDUITS ANTIREFLET FORMES A PARTIR DE CELLES-CI**
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[72] VANIER, NOEL R., US
[72] XU, XIANGLING, US
[72] SWARUP, SHANTI, US
[72] MARTIN, DAVID C., US
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[54] **SYSTEMES DE PILE A COMBUSTIBLE AUTOCHAUFFANTS**
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[71] EC POWER, LLC, US
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[72] LECUYER, MARGAUD, FR
[72] DESCHAMPS, MARC, FR
[72] GAUBICHER, JOEL, FR
[72] POIZOT, PHILIPPE, FR
[72] GUYOMARD, DOMINIQUE, FR
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[54] **THERMALLY SPRAYED RESISTIVE HEATERS AND USES THEREOF**
[54] **DISPOSITIFS DE CHAUFFAGE A RESISTANCE A PULVERISATION THERMIQUE ET LEURS UTILISATIONS**
[72] KAZANAS, ATHINODOROS CHRIS, CA
[72] MARCOUX, PIERRE, CA
[72] ABBOTT, RICHARD C., US
[71] REGAL WARE, INC., US
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[54] **COMPOSITION DE FLUIDE CONTENANT UNE SOURCE DE FER SOUS FORME NON IONIQUE ET PROCEDES D'UTILISATION ASSOCIES**
[72] WRZOSEK, ARTUR, PL
[72] KLYS, PIOTR, PL
[72] CIECIARA, MARIUSZ, PL
[71] WRZOSEK, ARTUR, PL
[71] KLYS, PIOTR, PL
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[54] **IGU EC AUTONOME**
[72] BROWN, STEPHEN C., US
[72] SHRIVASTAVA, DHAIRYA, US
[72] KLAWUHN, ERICH R., US
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[72] SILKWOOD, DOUGLAS, US
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[54] **COMPOSITIONS DE POLYURETHANNE EN PLUSIEURS PARTIES, ARTICLES ASSOCIES ET PROCEDE DE PREPARATION**
[72] JORDAN, RICHARD DAVID, JR., US
[72] CAUSER, MICHAEL, US
[72] DEY, TANMOY, US
[71] CYTEC INDUSTRIES INC., US
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[54] **BATTERIE RECHARGEABLE AVEC LIMITEUR DE COURANT INTERNE ET INTERRUPTEUR**
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[72] WU, DENGGUO, US
[71] AMERICAN LITHIUM ENERGY CORPORATION, US
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[54] **ALUMINUM ALLOY SUITABLE FOR THE HIGH SPEED PRODUCTION OF ALUMINUM BOTTLE AND THE PROCESS OF MANUFACTURING THEREOF**
[54] **ALLIAGE D'ALUMINIUM APPROPRIE POUR LA PRODUCTION A GRANDE VITESSE D'UNE BOUTEILLE EN ALUMINIUM ET PROCEDE DE FABRICATION ASSOCIE**
[72] GO, JOHNSON, US
[72] WEN, WEI, US
[72] KANG, DAEHOON, US
[72] KADILAK, JEFFREY JOHN, US
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[54] **DISPOSITIF D'ANCRAGE A AUTO-FORAGE ET PROCEDE D'INSTALLATION D'UN TEL DISPOSITIF D'ANCRAGE**
[72] VASEY, ALAN GERARD, GB
[71] RAPTOR ANCHORING LIMITED, GB
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[54] **PROCEDE POUR FORMER UN JOINT AUTOLUBRIFIANT EN COMPOSITE CARBONE FLEXIBLE**
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[72] XU, ZHIYUE, US
[71] BAKER HUGHES INCORPORATED, US
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[54] **SYSTEME DE MEUBLE SANS CADRE**
[72] CRABTREE, PHILLIP C., II, US
[71] CRABTREE, PHILLIP C., II, US
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[54] **IDENTIFICATION, SELECTION ET UTILISATION D'EPITOPES DE CELLULE T A HAUT POTENTIEL CURATIF**
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[72] LANING, JOSEPH, US
[72] YOUNG, JANET, US
[71] VERIK BIO, INC., US
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[54] **OUTIL DE NETTOYAGE DE FIBRES OPTIQUES A OSCILLATION**
[72] FORREST, EDWARD J., JR., US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **SYSTEMES ET METHODES PERMETTANT LA MISE EN PLACE D'UNE NEURO-REEDUCATION NON-INVASIVE CHEZ UN PATIENT**
[72] GUARRAIA, MARK, US
[72] MURATORI, ADAM, US
[72] FISK, JUSTIN, US
[72] PETRIE, AIDAN, US
[72] WALLACE, JEFFREY M., US
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[54] **DISPOSITIFS D'ADMINISTRATION D'UNE NEUROMODULATION NON INVASIVE A UN PATIENT**
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[72] GORDON, JOSEPH M., US
[72] GUARRAIA, MARK, US
[72] MURATORI, ADAM, US
[72] WALLACE, JEFFREY M., US
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[54] **TECHNIQUES DE CODAGE DE REDONDANCE DE NIVEAU DE VOLUME POUR DISPOSITIFS DE STOCKAGE OPTIMISES A TRANSFERT SEQUENTIEL**
[72] DONLAN, BRYAN JAMES, US
[72] FRANKLIN, PAUL DAVID, US
[72] SUVER, CLAIRE ELIZABETH, US
[71] AMAZON TECHNOLOGIES, INC., US
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[54] **GESTION AUTOMATIQUE DE DIMENSIONNEMENT DE RESSOURCES**
[72] REQUE, SEAN PHILIP, US
[72] MANWARING, DEREK STEVEN, US
[72] THOMAS, DYLAN CHANDLER, US
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[54] **SYSTEMES ET PROCEDES DE SAISIE DE TEXTE FONDEE SUR LE REGARD**
[72] KRISTENSSON, PER OLA, GB
[72] VERTANEN, KEITH, US
[72] MJELDE, MORTEN, NO
[71] TOBII AB, US
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[72] RAFAELIAN, CAROLYN A., US
[71] ALEX AND ANI, LLC, US
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[54] **ARTICLE TRESSE A STRUCTURE DE SEMELLE INTERCALAIRE INTERNE**
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[72] LEE, EUN KYUNG, US
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[71] NIKE INNOVATE C.V., US
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[54] **SYSTEME D'AJUSTEMENT DE BLOCAGE DE CORDON POUR UN CASQUE**
[72] MUSAL, MICHAEL J., US
[72] EASTWOOD, MARK, US
[71] BELL SPORTS, INC., US
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[72] JUNG, SEUNGSUB, GB
[71] GOOD TECHNOLOGY HOLDINGS LIMITED, CA
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[54] **PROCEDE DE PRODUCTION DE PAPIER DE CREPAGE, ET PAPIER DE CREPAGE DE CELUI-CI**
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[72] SHAROYAN, DAVIT E, US
[72] TUNELL, JEFFREY ALLAN, US
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[54] **TRAITEMENT DE CORRECTION DE TURBULENCE ATMOSPHERIQUE DE VIDEO EN COULEUR ANIMEE PLEIN ECRAN**
[72] FLUCKIGER, DAVID U., US
[72] BEARDSLEY, CHRISTOPHER J., US
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[72] CEYSSENS, TIM, BE
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[72] DUVAL, DEAN LARRY, US
[72] ELLINGSON, PETER CHRISTOPHER, US
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[54] **ACCESSOIRE D'ASPIRATEUR DOTE D'UN ELEMENT DE NETTOYAGE FLOTTANT ET APPAREIL DE NETTOYAGE DE SURFACE COMPRENANT CELUI-CI**
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[72] THORNE, JASON B., US
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[72] DUNBAR, PETER RODERICK, NZ
[72] WILLIAMS, GEOFFREY MARTYN, NZ
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[72] NAKANISHI, TADASHI, JP
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[72] OKUBO, TOMOYUKI, JP
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[54] **PROCEDE DE TRI DE MATIERE IMPRIMEE, ET PROCEDE DE FABRICATION DE PAPIER A L'AIDE DE MATIERE IMPRIMEE**
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[72] GOTO, SHISEI, JP
[72] TOYOTA, KAZUMASA, JP
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[54] **FOUR DE CARBONISATION, FOUR PYROLYTIQUE, SYSTEME DE GENERATION DE GAZ A L'EAU, SYSTEME DE GENERATION D'HYDROGENE GAZEUX ET SYSTEME DE GENERATION D'ENERGIE**
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[54] **PROCEDE POUR OPTIMISER DES OPERATIONS DE CHAMP PETROLIFERE SUR LA BASE D'ENSEMBLES DE DONNEES GRANDS ET COMPLEXES**
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[72] SUN, ZHIJIE, US
[72] XUE, YUZHEN, US
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[72] KO, CHUNGDUCK, US
[71] HUBBELL INCORPORATED, US
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[72] YOKOYAMA, WALLACE H., US
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[54] **CLASSIFICATION D'UNE DISTRIBUTION DE TAILLE ET DE FORME DES PARTICULES DANS DES FLUIDES DE FORAGE**
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[72] GOSNEY, JON TROY, US
[72] BRITTON, CHARLES CUTLER, US
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[54] **5-FLUORO-4-IMINO-3-(ALKYLE/ALKYLE SUBSTITUE)-1-(ARYLSULFONYL)-3,4-DIHYDROPYRIMIDIN-2(1H)-ONE EN TANT QUE TRAITEMENT DES SEMENCES**
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[72] YAO, CHENGLIN, US
[72] OWEN, W. JOHN, US
[71] ADAMA MAKHTESHIM LTD., IL
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[54] **SYSTEME ET PROCEDE DE ROUES STABILISATRICES RETRACTABLES EN TEMPS REEL**
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[54] **DEVICES AND METHODS FOR TREATING THE SKIN USING A ROLLERBALL OR A WICKING MEMBER**
[54] **DISPOSITIFS ET PROCEDES DE TRAITEMENT DE LA PEAU A L'AIDE D'UNE BILLE OU D'UN ELEMENT A MECHE**
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[72] NICOLAS, ED. F., US
[71] EDGE SYSTEMS LLC, US
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[54] **PROMEDICAMENTS DE LA CREATINE, COMPOSITIONS EN CONTENANT ET LEURS PROCEDES D'UTILISATION**
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[72] RANGANATHAN, SATHISH KUMAR, US
[72] WATERS, TIMOTHY ALLEN, US
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[72] WATSON, WILLIAM TODD, US
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[54] **PROCEDES ET SYSTEMES INFORMATIQUES D'ECHANGE SUR UNE PLACE DE MARCHE DE MAIN-D'□UVRE**
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[72] CATINO, BEVERLY A., US
[72] CATINO, MITCHELL A., US
[71] GIGSMART, LLC, US
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[54] **SYSTEME ET PROCEDE DE CALCUL DE POIDS DE CHARGE UTILE**
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[72] HILLIER, NICHOLAS SIMON, AU
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[54] **SYSTEME ET PROCEDE D'ESTIMATION DE FATIGUE DANS UN ELEMENT DE LEVAGE**
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[72] BERLINGUETTE, CURTIS, CA
[72] HUDKINS, JESSE, CA
[72] DETTLEBACH, KEVAN, CA
[72] SALVATORE, DANIELLE, CA
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[54] **SYSTEME ET PROCEDE D'IDENTIFICATION DE DESTINATION DE CHARGE UTILE**
[72] LESLIE, BRUCE ALEXANDER, AU
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[54] **FORME CRISTALLINE I DE LA CANAGLIFLOZINE ET PROCEDE DE PREPARATION DE CELLE-CI**
[72] WANG, FEI, CN
[72] ZHANG, JIAN, CN
[72] LIN, MENG, CN
[72] TANG, YUANFU, CN
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[54] **BROSSE MODULAIRE, VEHICULE MUNI DE CELLE-CI ET PROCEDE DE PRODUCTION D'UN MODULE POUR BROSSE MODULAIRE**
[72] DAHLBERG, CECIL, SE
[71] SVENSKA INDUSTRIBORSTAR I VASTERAS AB, SE
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[54] **SYSTEME DE FREINAGE ET CONTROLEUR DESTINES A ETRE UTILISES AVEC UN ENTRAINEMENT DIRECT DE TETE DE PUITS**
[72] DUERR, AL, CA
[72] BRASSARD, AARON, CA
[72] DOYLE, JOHN, CA
[72] SPARLING, WRAY, CA
[71] GENERAL MAGNETIC INTERNATIONAL INC., CA
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[54] **COMPOSES PHARMACEUTIQUEMENT ACTIFS**
[72] SHIERS, JASON JOHN, GB
[72] WATTS, JOHN PAUL, GB
[72] ONIONS, STUART THOMAS, GB
[72] QUIDDUS, MOHAMMED ABDUL, GB
[72] WRIGGLESWORTH, JOSEPH WILLIAM, GB
[72] SAMBROOK-SMITH, COLIN PETER, GB
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[72] LONDESBROUGH, DEREK, GB
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[54] **PROCEDE DE CODAGE DE CODE POLAIRE ET DISPOSITIF DE CODAGE**
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[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **APPAREIL ET PROCEDES DE TRAITEMENT DES PLAIES PAR PRESSION NEGATIVE**
[72] ASKEM, BEN ALAN, GB
[72] FERRARI, IACOPO CLAUDIO, MU
[72] FOINI, MATTEO, MU
[72] FORZANI, PAOLO, MU
[72] FRYER, CHRISTOPHER JOHN, GB
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[54] **APPAREIL A TUYAU DE CROISSANCE D'HORTICULTURE POUR LA CULTURE DE PLANTES**
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[54] **CARTRIDGE AND ELECTROPHOTOGRAPHIC IMAGE FORMING APPARATUS**
[54] **CARTOUCHE ET DISPOSITIF DE FORMATION D'IMAGE ELECTROPHOTOGRAPHIQUE**
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[72] SATO, MASAAKI, JP
[72] MUNETSUGU, HIROYUKI, JP
[71] CANON KABUSHIKI KAISHA, JP
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[54] **COMPOSITE FORME D'UNE FEUILLE DE MOUSSE POLYMERE ET D'UNE COUCHE BARRIERE**
[72] SALADINO, SAM, CA
[72] TZUR, ZEEV, IL
[72] ZUR, BARUCH, IL
[71] PALZIV EIN HANATZIV AGRICULTURAL COOPERATIVE SOCIETY LTD., IL
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[54] **APPLICATION D'UNE MOLECULE DE LIAISON COMME PROTEINE PRECURSEUR DU FACTEUR NEUROTROPHIQUE DERIVE DU CERVEAU A LIAISON SPECIFIQUE**
[72] LI, CHANGQI, CN
[72] WANG, HUAMAO, CN
[72] DAI, RUPING, CN
[72] CAI, XIUMEI, CN
[72] ZHOU, XINFU, CN
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[72] WALLMEIER, HOLGER, DE
[72] PELZER, STEFAN, DE
[72] FLUGEL, MONIKA, DE
[72] BEKEL, THOMAS, DE
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[54] **FORMES CRISTALLINES DE L'APOMORPHINE ET LEURS UTILISATIONS**
[72] YACOBY-ZEEVI, ORON, IL
[72] NEMAS, MARA, IL
[72] CUMMINS, JONATHAN, GB
[72] DIETERICH, PETRA, GB
[71] NEURODERM LTD, IL
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[54] **NATURALLY OCCURING MIRNA FOR CONTROLLING GENE EXPRESSION, AND USE OF SAME**
[54] **ARNMI NATUREL POUR LE CONTROLE DE L'EXPRESSION GENIQUE, ET SON UTILISATION**
[72] AOKI, ERIKO, JP
[72] YOSHIDA, YASUHIKO, JP
[72] KATO, SHIORI, JP
[72] OHGI, TADAAKI, JP
[71] BONAC CORPORATION, JP
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[54] **TUBE D'ACIER HAUTE RESISTANCE SANS SOUDURE A PAROI EPAISSE ET SON PROCEDE DE PRODUCTION**
[72] SASAKI, SHUNSUKE, JP
[72] KATSUMURA, TATSURO, JP
[72] KATO, YASUSHI, JP
[71] JFE STEEL CORPORATION, JP
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[72] KOIZUMI, SATOSHI, JP
[72] KIYOOKA, SUMITO, JP
[71] KURARAY CO., LTD., JP
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[54] **COMPOSITION CONTENANT DE FACON STABLE UNE MOLECULE D'ACIDE NUCLEIQUE**
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[72] TOYOFUKU, HIDEKAZU, JP
[71] BONAC CORPORATION, JP
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[72] OHTA, KATSUYUKI, JP
[72] NISHIMURA, MAKOTO, JP
[71] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
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[54] **PROCESS FOR PRODUCING AROMATIC VINYL/CONJUGATED DIENE COPOLYMER AND PRODUCT OF HYDROGENATION THEREOF**
[54] **PROCEDE DE PRODUCTION DE COPOLYMERE DE VINYLE AROMATIQUE/DIENE CONJUGUE ET SON PRODUIT D'HYDROGENATION**
[72] TSUJI, TOMOAKI, JP
[72] SHINTANI, MASATAKA, JP
[72] HATANAKA, YASUHIRO, JP
[71] KURARAY CO., LTD., JP
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[54] **OUTIL DE FOND DE TROU AYANT DES TIGES REGLABLES ET DEGRADABLES**
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[72] FRIPP, MICHAEL L., US
[72] GANO, JOHN C., US
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[72] THOMPSON, PAUL M., US
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[54] **SUIVI ET MESURES ASSOCIES A DES BOUCHONS DE CIMENT**
[72] DIRKSEN, RONALD JOHANNES, US
[72] JONES, DAVID LEONWILL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **CHILD CARRIER HAVING ADJUSTABLE SEAT COUPLING**
[54] **PORTE-BEBE AYANT UN ACCOUPLEMENT DE SIEGE REGLABLE**
[72] LEHAN, LISBETH HALS, US
[71] LILLEBABY, LLC, US
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[54] **HIGH EFFICIENCY RADIATION-INDUCED TRIGGERING FOR SET-ON-COMMAND COMPOSITIONS AND METHODS OF USE**
[54] **DECLENCHEMENT INDUIT PAR RAYONNEMENT A HAUTE EFFICACITE POUR COMPOSITIONS A DURCISSEMENT SUR COMMANDE ET PROCEDES D'UTILISATION ASSOCIES**
[72] LEWIS, SAMUEL J., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **RECLAMATION OF BRINES WITH METAL CONTAMINATION USING LIME**
[54] **RECUPERATION DE SAUMURES PRESENTANT UNE CONTAMINATION METALLIQUE EN UTILISANT DE LA CHAUX**
[72] DAVIS, CHESNEE L., US
[72] DEVILLE, JAY P., US
[72] MILLER, MATTHEW L., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SYSTEM AND METHOD FOR COMMUNICATING ALONG A CASING STRING INCLUDING A HIGH MAGNETIC PERMEABILITY SUBSTRATE**
[54] **SYSTEME ET PROCEDE DE COMMUNICATION LE LONG D'UNE COLONNE DE TUBAGE COMPRENANT UN SUBSTRAT A PERMEABILITE MAGNETIQUE ELEVEE**
[72] ROBERSON, MARK W., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **OPTICAL MEASUREMENT SYSTEM**
[54] **SYSTEME DE MESURE OPTIQUE**
[72] GAHLAWAT, RAVINDER, IN
[72] CHINEY, ABHINANDAN, IN
[72] BARDAPURKAR, SAMEER, IN
[72] JANDHYALA, SIVA RAMA KRISHNA, IN
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[54] **COMPOUNDS, COMPOSITIONS, AND METHODS FOR INCREASING CFTR ACTIVITY**
[54] **COMPOSES, COMPOSITIONS ET PROCEDES POUR AUGMENTER L'ACTIVITE DU CFTR**
[72] BASTOS, CECILIA M., US
[72] MUNOZ, BENITO, US
[72] TAIT, BRADLEY, US
[71] PROTEOSTASIS THERAPEUTICS, INC., US
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[54] **ENSEMBLES SKI**
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[72] MARNER, MICHAEL C., US
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[54] **PROCEDES DE CULTURE D'UNE CELLULE DE MAMMIFERE**
[72] HWANG, CHRISTOPHER, US
[72] JOHNSON, TIMOTHY, US
[72] WALTHER, JASON, US
[72] CHENG, CHENG, US
[72] WANG, JONATHAN, US
[72] SHAH, NEHA, US
[72] BAE, SEUL-A, US
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[54] **COMPOSITE BIOPOLYMERE POUR FLUIDES DE TRAITEMENT A BASE D'EAU**
[72] SANTOS, CATHERINE M., US
[72] GHOSH, SHUBHAJIT, US
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[54] **SYSTEME, PROCEDE ET APPAREIL DE LOCALISATION D'UNE CARTE DE TRANSACTION COMPATIBLE BLUETOOTH**
[72] KOEPPEL, ADAM R., US
[71] CAPITAL ONE SERVICES, LLC, US
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[54] **SYSTEME, PROCEDE ET APPAREIL DE REPROGRAMMATION D'UNE CARTE DE TRANSACTION**
[72] KOEPPEL, ADAM R., US
[71] CAPITAL ONE SERVICES, LLC, US
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[54] **FORMULATIONS PHARMACEUTIQUES COMPRENANT DU CANGRELOR DE HAUTE PURETE ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
[72] DUTTA, PANNA, US
[72] RAFAI FAR, ADEL, CA
[72] DING, MIN, US
[72] MOTHERAM, RAJESHWAR, US
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[54] **NOUVEAUX MODULATEURS DU CALCIUM**
[72] KELLY, MICHAEL GERARD, US
[72] KINCAID, JOHN, US
[71] MYOTHERIX, INC., US
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[54] **DERIVES DE JASMONATE ET COMPOSITIONS ASSOCIEES**
[72] FEHR PEREIRA LOPES, JOSE E., BR
[71] NANOCARE TECHNOLOGIES, INC., US
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[54] **METHOD OF ILLUMINATING ORNAMENT**
[54] **PROCEDE D'ECLAIRAGE D'UN ORNEMENT**
[72] MCCAVIT, KIM L., US
[72] BENTLEY, ROGER D., US
[72] JENSEN, BRADFORD B., US
[71] JENESIS INTERNATIONAL INC., US
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[54] **APPARATUS AND METHOD FOR FIXATION MEASUREMENT WITH REFRACTION ERROR MEASUREMENT USING IMAGE SENSING DEVICES**
[54] **APPAREIL ET METHODE DE MESURE DE FIXATION AVEC MESURE D'ERREUR DE REFRACTION A L'AIDE DE DISPOSITIFS DE DETECTION D'IMAGES**
[72] WINSOR, ROBERT SCOTT, US
[71] REBISCAN, INC., US
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[54] **AGENTS D'INTERFERENCE ARN POUR LA MODULATION DU GENE GST-PI**
[72] YING, WENBIN, US
[72] MINOMI, KENJIROU, JP
[72] HARBORTH, JENS, US
[72] TAKAHASHI, HIROKAZU, JP
[72] TERADA, ERIKA, JP
[72] ZHANG, JUN, US
[72] AHMADIAN, MOHAMMAD, US
[71] NITTO DENKO CORPORATION, JP
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[54] **ENSEMBLE DE TRANSPORT A COMMANDE ACTIVE SANS CONTACT**
[72] STEFANKO, JUSTIN MICHAEL, US
[71] REXNORD INDUSTRIES, LLC, US
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[54] **FLYBACK CONVERTER**
[54] **CONVERTISSEUR A TRANSFERT INDIRECT**
[72] AHSANUZZAMAN, S. M., CA
[72] MAHDAVIKHAH, BEHZAD, CA
[72] RADIC, ALEKSANDAR, CA
[72] PRODIC, ALEKSANDAR, CA
[71] APPULSE POWER INC., CA
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[54] **METHOD AND DEVICE FOR GENERAL MACHINE TRANSLATION ENGINE-ORIENTED INDIVIDUALIZED TRANSLATION**
[54] **PROCEDE ET DISPOSITIF DE TRADUCTION INDIVIDUALISEE ORIENTEE VERS UN MOTEUR DE TRADUCTION AUTOMATIQUE UNIVERSELLE**
[72] YANG, MUYUN, CN
[72] ZHU, JUNGUO, CN
[72] LI, SHENG, CN
[72] ZHAO, TIEJUN, CN
[71] HARBIN INSTITUTE OF TECHNOLOGY, CN
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[54] **PREVENTION OF METASTASIS AND RECURRENCE AFTER PRIMARY CANCER TREATMENT**
[54] **PREVENTION DE LA METASTASE ET DE LA RECURRENCE APRES TRAITEMENT D'UN CANCER PRIMAIRE**
[72] HARLESS, WILLIAM WARREN, CA
[71] ENCYT TECHNOLOGIES, INC., CA
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[25] EN
[54] **CONVERSION OF BIOMASS, ORGANIC WASTE AND CARBON DIOXIDE INTO SYNTHETIC HYDROCARBONS**
[54] **CONVERSION DE BIOMASSE, DECHETS ORGANIQUES ET DIOXYDE DE CARBONE EN HYDROCARBURES DE SYNTHESE**
[72] HAFEZ, HISHAM MOHAMED, CA
[72] LEHOUX, RICHARD ROMEO, CA
[72] SALT, DAVE, CA
[72] SEHDEV, RANJIT, CA
[71] GREENFIELD SPECIALTY ALCOHOLS INC., CA
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[54] **MOTEUR LINEAIRE A PISTONS POUR ACTIONNEMENT DE CHARGE LINEAIRE EXTERNE**
[72] KRAMER, FRANZ, CA
[71] KRAMER, FRANZ, CA
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[54] **IMPROVEMENTS IN OLIGODENDROGLIAL CELL CULTURING METHODS AND IN METHODS FOR TREATING NEURODEGENERATIVE DISORDERS BY USING THYROID HORMONES OR ANALOGUES**
[54] **AMELIORATIONS DE PROCEDES DE CULTURE D'OLIGODENDROCYTES ET DE METHODES DE TRAITEMENT DE TROUBLES NEURODEGENERATIFS A L'AIDE D'HORMONES THYROIDIENNES OU ANALOGUES**
[72] PETRATOS, STEVEN, AU
[72] AZARI, MICHAEL FARZAD, AU
[72] LEE, JAE YOUNG, AU
[72] KIM, MIN YOUNG, AU
[71] NEUORPHAN PTY LTD, AU
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[54] **FLEXIBLE SCREEN EXTENSION STRUCTURE, FLEXIBLE SCREEN ASSEMBLY, AND TERMINAL**
[54] **STRUCTURE D'EXTENSION D'ECRAN FLEXIBLE, ASSEMBLAGE D'ECRAN FLEXIBLE, ET TERMINAL**
[72] LIU, ZHONG, CN
[72] ZOU, XIANG, CN
[72] YANG, SONGLING, CN
[71] SHENZHEN ROYOLE TECHNOLOGIES CO., LTD, CN
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[54] **DATA READING METHOD AND APPARATUS**
[54] **PROCEDE ET DISPOSITIF DE LECTURE DE DONNEES**
[72] ZHOU, JIANHUA, CN
[72] LI, YAN, CN
[72] ZHANG, PO, CN
[72] WANG, FEI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **METHOD AND APPARATUS FOR ENCODING AND DECODING IMAGES**
[54] **PROCEDE ET APPAREIL DE CODAGE ET DE DECODAGE D'IMAGES**
[72] RISSA, TERO, FI
[71] NOKIA TECHNOLOGIES OY, FI
[85] 2017-06-22
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[51] **Int.Cl. B65D 23/02 (2006.01) B65D 25/14 (2006.01) C09D 7/12 (2006.01)**
[25] EN
[54] **CONTAINER FOR A CONSUMABLE GOOD, COATED WITH A RESVERATROL-CONTAINING LAYER**
[54] **CONTENANT POUR UN PRODUIT DE CONSOMMATION, REVETU D'UNE COUCHE CONTENANT DU RESVERATROL**
[72] STOKES, GREGORY JOHN CHARLES, AU
[72] BARICS, STEVEN JOHN ANTHONY, AU
[71] BAROKES PTY LTD., AU
[85] 2017-06-22
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[25] EN
[54] **METHOD OF SEALING AND REPAIRING A REFRACTORY TAP HOLE**
[54] **PROCEDE D'OBTURATION ET DE REPARATION D'UN TROU DE COULEE REFRACTAIRE**
[72] PILOTE, JACQUES, AU
[72] DRY, RODNEY JAMES, AU
[71] TECHNOLOGICAL RESOURCES PTY. LIMITED, AU
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[54] **ELEMENT DE PLANCHER DOUBLE**
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[72] MARUYAMA, KATSURA, JP
[71] SENQCIA CORPORATION, JP
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[25] EN
[54] **CONTINUOUS-FIBER REINFORCED BIOCOMPOSITE MEDICAL IMPLANTS**
[54] **IMPLANTS MEDICAUX BIOCOMPOSITES RENFORCES DE FIBRES CONTINUES**
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[72] LINDER, TALY PNINA, IL
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[72] YAMAMOTO, MASANARI, JP
[71] SONY CORPORATION, JP
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[72] TOSHINSKY, GEORGIY LL'ICH, RU
[71] JOINT STOCK COMPANY "AKME-ENGINEERING", RU
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[54] **DISPOSITIF ET SYSTEME POUR LA SURVEILLANCE D'ORGANES INTERNES D'UN HUMAIN OU D'UN ANIMAL**
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[71] PULSENMORE LTD., IL
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[54] **DISPOSITIF D'ECARTEMENT DES TUBES D'UN APPAREIL ECHANGEUR DE CHALEUR (ET VARIANTES)**
[72] NEEVIN, VIKTOR SEMENOVICH, RU
[72] VAKHRUSHIN, MIHAIL PETROVICH, RU
[71] JOINT STOCK COMPANY "AKME-ENGINEERING", RU
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[54] **PROTHESE IMPLANTABLE POUR LA REPARATION DE TISSUS MOUS**
[72] BOWLEY, MELISSA, US
[72] SHAH, DEVANG VIJAY, US
[72] TESSIER, PHILIP A., US
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[54] **SYNTHESE D'UROLITHINES A ECHELLE DE PROCEDE**
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[72] MULLER, ROLAND, DE
[72] SKRANC, WOLFGANG, AT
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[72] SANTHANAM, UMA, US
[71] AVON PRODUCTS, INC., US
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[72] NARVA, KENNETH, US
[72] MEADE, THOMAS, US
[72] HEY, TIMOTHY D., US
[72] TAN, SEK YEE, US
[72] ETTER, AUDREY JANE, US
[72] GLANCY, TODD P., US
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[72] CORAM, TRISTAN E., US
[72] MADDURI, KRISHNA M., US
[72] KING, JAMES E., US
[72] LEE, RYAN M., US
[72] LIN, GAOFENG, US
[72] LI, JIANQUAN, US
[71] DOW AGROSCIENCES LLC, US
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[54] **POLYACRYLATES DE FAIBLE POIDS MOLECULAIRE POUR EOR**
[72] JOHNSON, STEPHEN J., US
[72] BERKLAND, CORY, US
[72] MORADI-ARAGHI, AHMAD, US
[72] LIANG, JENN-TAI, US
[72] CHRISTIAN, TERRY M., US
[72] NEEDHAM, RILEY B., US
[72] CHENG, MIN, US
[72] LIN, YING-YING, US
[72] WOODSIDE, ANDREW B., US
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[71] CONOCOPHILLIPS COMPANY, US
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[54] **PROTECTION DE DONNEES SUR DES DISPOSITIFS NON SECURISES**
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[71] SENTEON LLC, US
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[54] **PROCESSUS DE TRANSACTION DE PAIEMENT ELECTRONIQUE SOUPLE**
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[72] POCHIC, SEBASTIEN, BE
[72] ATES, FIKRET, BE
[72] MAIDMENT, BARRY, GB
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
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[54] **FREIN A MAIN A RAIL A LIBERATION PROLONGEE**
[72] SAUTER, JEFFREY F., US
[72] NEWTON, STEVEN, US
[72] ESTELLE, TAYLOR, US
[71] NEW YORK AIR BRAKE LLC, US
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[54] **POMPE A VA-ET-VIENT AVEC SYSTEME DE LUBRIFICATION D'EXTREMITE DE PUISSANCE A DOUBLE CIRCUIT**
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[72] KOTAPISH, EDWARD C., US
[72] SKURDALSVOLD, SCOTT, US
[72] BAYYOUK, JACOB A., US
[72] WAWERU, LAWRENCE, US
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[54] **PROCEDES, COMPOSITIONS ET SYSTEMES POUR IMPLANTATION DE DISPOSITIF**
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[72] MAHARBIZ, MICHEL M., US
[72] SABES, PHILIP N., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **PICOLINAMIDES WITH FUNGICIDAL ACTIVITY**
[54] **PICOLINAMIDES PRESENTANT UNE ACTIVITE FONGICIDE**
[72] YAO, CHENGLIN, US
[72] MEYER, KEVIN G., US
[72] LU, YU, US
[72] LOY, BRIAN, US
[72] JONES, DAVID M., US
[72] HEEMSTRA, RONALD J., US
[72] EPP, JEFFREY B., US
[72] DELORBE, JOHNATHAN E., US
[72] DEKORVER, KYLE A., US
[72] DAEUBLE, JOHN F., SR., US
[71] DOW AGROSCIENCES LLC, US
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[54] **PICOLINAMIDES UTILISES EN TANT QUE FONGICIDES**
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[72] DEKORVER, KYLE A., US
[72] JONES, DAVID M., US
[72] HERRICK, JESSICA, US
[72] WILMOT, JEREMY, US
[72] RIGOLI, JARED, US
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[54] **RECIPIENT RESISTANT A LA DEFORMATION COMPRENANT DES INDENTATIONS DE PANNEAU**
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[72] HUNTER, TRAVIS A., US
[71] GRAHAM PACKAGING COMPANY, L.P., US
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[54] **DECOUVERTE AUTOMATIQUE D'ELEMENTS DE CONFIGURATION**
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[72] VARGHESE, JAKE, US
[72] CHANDRASHEKAR, SRIDHAR, US
[71] SERVICENOW, INC., US
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[54] **USE OF PICOLINAMIDE COMPOUNDS WITH FUNGICIDAL ACTIVITY**
[54] **UTILISATION DE COMPOSES DE PICOLINAMIDE PRESENTANT UNE ACTIVITE FONGICIDE**
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[72] DEKORVER, KYLE A., US
[72] JONES, DAVID M., US
[72] DAEUBLE, JOHN F., SR., US
[72] HERRICK, JESSICA, US
[72] EPP, JEFFREY B., US
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[72] MEYER, KEVIN G., US
[72] YAO, CHENGLIN, US
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[54] **ANTI-MERTK AGONISTIC ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS AGONISTES ANTI-MERTK ET LEURS UTILISATIONS**
[72] TAVAZOIE, SOHAIL, US
[72] HALBERG, NILS, US
[72] TAVAZOIE, MASOUD, US
[71] THE ROCKEFELLER UNIVERSITY, US
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[25] EN
[54] **USE OF PROGRAM-SCHEDULE TEXT AND TELEPROMPTER OUTPUT TO FACILITATE SELECTION OF A PORTION OF A MEDIA-PROGRAM RECORDING**
[54] **UTILISATION D'UN TEXTE DE PROGRAMMATION D'EMISSIONS ET D'UNE SORTIE DE TELEPROMPTEUR POUR FACILITER LA SELECTION D'UNE PARTIE D'UN ENREGISTREMENT DE PROGRAMME MULTIMEDIA**
[72] HUNDEMER, HANK, US
[71] TRIBUNE BROADCASTING COMPANY, LLC, US
[85] 2017-06-22
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[51] **Int.Cl. H04H 60/37 (2009.01) H04H 60/48 (2009.01)**
[25] EN
[54] **USE OF PROGRAM-SCHEDULE TEXT AND CLOSED-CAPTIONING TEXT TO FACILITATE SELECTION OF A PORTION OF A MEDIA-PROGRAM RECORDING**
[54] **UTILISATION D'UN TEXTE DE PLANIFICATION DE PROGRAMME ET D'UN TEXTE DE SOUS-TITRAGE CODE POUR FACILITER LA SELECTION D'UNE PARTIE D'UN ENREGISTREMENT D'UN PROGRAMME MULTIMEDIA**
[72] HUNDEMER, HANK, US
[71] TRIBUNE BROADCASTING COMPANY, LLC, US
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[51] **Int.Cl. E21B 21/00 (2006.01) C09K 8/02 (2006.01) E21B 33/13 (2006.01)**
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[54] **SUBSTANCES ANTI-PERTE DE CIRCULATION COMPRENANT UNE BOUE BRUNE**
[72] PISKLAK, THOMAS JASON, US
[72] AGAPIOU, KYRIACOS, US
[72] BRENNEIS, DARRELL CHAD, US
[72] BENKLEY, JAMES ROBERT, US
[72] CHATTERJI, JITEN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **COMPOSITIONS ET METHODES POUR L'IMAGERIE DU CANCER**
[72] BENARD, FRANCOIS, CA
[72] LIN, KUO-SHYAN, CA
[72] PERRIN, DAVID, CA
[72] LIU, ZHIBO, CA
[72] POURGHIASIAN, MARAL, CA
[71] BRITISH COLUMBIA CANCER AGENCY BRANCH, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
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[54] **SYSTEME ET PROCEDES DE CAMERA SANS FIL**
[72] BLUM, RONALD DAVID, US
[72] GUPTA, AMITAVA, US
[72] KOKONASKI, WILLIAM, US
[72] CLOMPUS, RICHARD, US
[72] PINAZZA, MASSIMO, IT
[72] LONGA, CLAUDIO DALLA, IT
[72] DANNHARDT, WALTER, US
[72] BAUER, STEFAN, CH
[72] FEHR, JEAN-NOEL, CH
[71] POGOTEC, INC., US
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[54] **METHODES ET FORMULATIONS POUR L'ADMINISTRATION TRANSDERMIQUE**
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[72] BEAL, RYAN R., US
[72] BURNHAM, PHILIPPE H., US
[71] INTELLECTUAL PROPERTY ASSOCIATES, LLC, US
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[54] **COLMATANT COMPRENANT DE LA BOUE ROUGE**
[72] PISKLAK, THOMAS JASON, US
[72] AGAPIOU, KYRIACOS, US
[72] BRENNEIS, DARRELL CHAD, US
[72] BENKLEY, JAMES ROBERT, US
[72] CHATTERJI, JITEN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **COMPOSITIONS AND METHODS FOR TREATMENT AND DETECTION OF CANCERS**
[54] **COMPOSITIONS ET METHODES POUR TRAITER ET DETECTER DES CANCERS**
[72] WONG, CHI-HUEY, US
[72] HSU, TSUI-LING, TW
[72] LOU, YI-WEI, TW
[72] LIN, CHIH-WEI, TW
[72] YEH, SHIHH-CHI, TW
[72] WU, CHUNG-YI, TW
[72] WU, HAN-CHUNG, TW
[71] ACADEMIA SINICA, TW
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[54] **NOVEL GLYCAN CONJUGATES AND METHODS OF USE THEREOF**
[54] **NOUVEAUX COMPOSES CONJUGUES DE GLYCANE ET LEURS METHODES D'UTILISATION**
[72] WU, CHUNG-YI, TW
[72] WONG, CHI-HUEY, US
[71] ACADEMIA SINICA, TW
[85] 2017-06-22
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[54] **SYSTEMS AND METHOD FOR DIGITAL RADIO BROADCAST WITH CROSS PLATFORM RECEPTION**
[54] **SYSTEMES ET PROCEDE POUR LA RADIODIFFUSION NUMERIQUE AVEC RECEPTION INTER-PLATEFORME**
[72] MILBAR, MAREK, US
[72] EL-DINARY, ASHRUF S., US
[72] CARLOCK, JASON K., US
[72] JURY, JEFFREY, US
[72] DETWEILER, JEFFREY R., US
[72] TENNISWOOD, TIMOTHY L., US
[72] DERIDDER, JAMES, US
[71] IBIQUITY DIGITAL CORPORATION, US
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[54] **COMBINATION OF RAF INHIBITORS AND AURORA KINASE INHIBITORS**
[54] **COMBINAISON D'INHIBITEURS DE RAF ET D'INHIBITEURS DE KINASES AURORA**
[72] BOZON, VIVIANA, US
[72] GALVIN, KATHERINE M., US
[71] MILLENNIUM PHARMACEUTICALS, INC., US
[85] 2017-06-22
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[54] **METHOD AND APPARATUS FOR IMPROVED EFFLUENT FREE SEA WATER DESALINATION**
[54] **PROCEDE ET APPAREIL DE DESSALEMENT AMELIORE D'EAU DE MER SANS PRODUCTION D'EFFLUENTS**
[72] LORD, MICHAEL JOHN, US
[71] EFFLUENT FREE DESALINATION CORP., US
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[54] **WATER DISCHARGE DEVICE AND BATHTUB DEVICE**
[54] **DISPOSITIF D'EVACUATION D'EAU ET DISPOSITIF DE BAIGNOIRE**
[72] KAWAKAMI, MASASHI, JP
[72] ICHIKAWA, YUICHIRO, JP
[72] HIRAIWA, HIROMITSU, JP
[71] LIXIL CORPORATION, JP
[85] 2017-04-07
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[54] **FUNGICIDAL COMPOSITIONS**
[54] **COMPOSITIONS FONGICIDES**
[72] HOPKINS, DEREK J., NZ
[72] CATHIE, CHERYL ANN, NZ
[72] MATHIESON, TODD, US
[72] FOSTER, NEIL, FR
[71] DOW AGROSCIENCES LLC, US
[85] 2017-06-22
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[54] **INDIVIDUALLY SEALED ANTISEPTIC APPLICATORS**
[54] **APPLICATEURS ANTISEPTIQUES INDIVIDUELLEMENT FERMES HERMETIQUEMENT**
[72] TENNICAN, PATRICK O., US
[71] HYPROTEK, INC., US
[85] 2017-06-22
[86] 2015-12-30 (PCT/US2015/068138)
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[54] **MULTI-LAYER SKIN SUBSTITUTE PRODUCTS AND METHODS OF MAKING AND USING THE SAME**
[54] **PRODUITS DE TYPE SUBSTITUTS CUTANES MULTICOUCHES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] ATALA, ANTHONY, US
[72] JEONG, GAYOUNG, US
[72] YOO, JAMES J., US
[72] LEE, SANG JIN, US
[72] SEOL, YOUNG-JOON, US
[71] WAKE FOREST UNIVERSITY HEALTH SCIENCES, US
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[54] **DUAL PRESSURE RESPIRATORY ASSISTANCE DEVICE**
[54] **DISPOSITIF D'ASSISTANCE RESPIRATOIRE A DOUBLE PRESSION**
[72] GUSTAFSON, PETER ALLEN, US
[72] BARNETT, JOSEPH DAVID HUDSON TAYLOR, US
[72] JOHN, STEPHEN CHIRAMUKATHU, US
[72] LE, HOA TRI, US
[71] WESTERN MICHIGAN UNIVERSITY RESEARCH FOUNDATION, US
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[54] **MULTI-PARTY ENCRYPTION CUBE PROCESSING APPARATUSES, METHODS AND SYSTEMS**
[54] **APPAREILS, PROCEDES ET SYSTEMES DE TRAITEMENT DE CUBE DE CHIFFREMENT POUR DE MULTIPLES PARTIES**
[72] HARRIS, THEODORE, US
[72] EDINGTON, SCOTT, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2017-06-22
[86] 2016-02-12 (PCT/US2016/017689)
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[54] **SWAGE FITTING**
[54] **RACCORD D'EMBOUTISSAGE**
[72] DOBMEIER, JOHN RUSSELL, US
[72] DANHASH, MAY, US
[71] DESIGNED METAL CONNECTIONS, INC., US
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[54] **ONLINE COLLABORATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE COLLABORATION EN LIGNE**
[72] THILAGARAJAH, RANJAN, AU
[72] DISLEY, GARY, GB
[71] CONTEXT SYSTEMS LLP, GB
[85] 2017-06-23
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[54] **SECURING A TRANSACTION**
[54] **SECURISATION D'UNE TRANSACTION**
[72] KARANTZIS, NICKOLAS JOHN, AU
[71] ISIGNTHIS LTD, VG
[85] 2017-06-23
[86] 2015-12-22 (PCT/AU2015/050827)
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[54] **TUNGSTEN OXIDE PRIMER COMPOSITIONS**
[54] **COMPOSITIONS D'AMORCE A BASE D'OXYDE DE TUNGSTENE**
[72] PALARDY, MARC, CA
[72] JOLICOEUR, BENOIT, CA
[71] GENERAL DYNAMICS, OTS - CANADA, INC., CA
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[54] **POWER ALLOCATION METHOD AND COMMUNICATIONS DEVICE**
[54] **PROCEDE D'ATTRIBUTION DE PUISSANCE ET DISPOSITIF DE COMMUNICATION**
[72] SUN, WEI, CN
[72] LV, YONGXIA, CN
[72] WEN, RONGHUI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-06-23
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[54] **LOW DOSE GAS HYDRATE INHIBITOR COMPOSITIONS**
[54] **COMPOSITIONS D'INHIBITEURS D'HYDRATES DE GAZ A FAIBLE DOSE**
[72] OWSIK, IZABELA, US
[72] HASE, ALFRED, GB
[71] ECOLAB USA INC., US
[85] 2017-06-22
[86] 2015-12-28 (PCT/US2015/067593)
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[25] EN
[54] **PYRIMIDONE COMPOUNDS USED AS LP-PLA2 INHIBITORS AND PHARMACEUTICAL COMPOSITIONS THEREOF**
[54] **COMPOSES PYRIMIDONE UTILISES COMME INHIBITEURS DE LA LP-PLA2 ET COMPOSITIONS PHARMACEUTIQUES ASSOCIEES**
[72] SHEN, JIANHUA, CN
[72] WANG, YIPING, CN
[72] CHEN, XINDE, CN
[72] XU, WENWEI, CN
[72] WANG, KAI, CN
[71] SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES, CN
[85] 2017-06-23
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[54] **MICROPARTICLES AND APPARATUS FOR SMART INK PRODUCTION**
[54] **MICROPARTICULES ET APPAREIL DE PRODUCTION D'ENCRE INTELLIGENTE**
[72] MALIC, LIDIJA, CA
[72] ZHANG, XUEFENG, CA
[72] VERES, TEODOR, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[54] **THREE DIMENSIONAL ANTENNA WITH FLOATING FENCE**
[54] **ANTENNE TRIDIMENSIONNELLE A CLOISON FLOTTANTE**
[72] CHAMSEDDINE, AHMAD, CA
[71] NOVATEL INC., CA
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[54] **POWER TOOL**
[54] **OUTIL A MOTEUR**
[72] WANG, ZHEN, CN
[72] NIE, FANGJIE, CN
[72] LIU, QIAN, CN
[71] NANJING CHERVON INDUSTRY CO., LTD., CN
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[54] **A CONTROL APPARATUS FOR HYDRAULIC HEAVY MACHINERY**
[54] **APPAREIL DE COMMANDE POUR MACHINE HYDRAULIQUE LOURDE**
[72] DOLAN, FRANCIS, IE
[71] DOLAN, FRANCIS, IE
[85] 2017-06-23
[86] 2014-12-23 (PCT/EP2014/079243)
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[54] **MULTIVALENT CD20-BINDING MOLECULES COMPRISING SHIGA TOXIN A SUBUNIT EFFECTOR REGIONS AND ENRICHED COMPOSITIONS THEREOF**
[54] **MOLECULES MULTIVALENTES DE LIAISON A CD20 COMPRENANT DES REGIONS EFFECTRICES DE SOUS-UNITE A DE LA TOXINE SHIGA ET COMPOSITIONS ENRICHIES CORRESPONDANTES**
[72] POMA, ERIC, US
[72] WILLERT, ERIN, US
[72] KIM, JASON, US
[72] HIGGINS, JACK, US
[72] LIU, JENSING, US
[72] FLORES-LEFRANC, RODNEY, US
[71] MOLECULAR TEMPLATES, INC., US
[85] 2017-06-22
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[54] **REPLACEABLE UNIT FOR AN ELECTROPHOTOGRAPHIC IMAGE FORMING DEVICE HAVING AN ENGAGEMENT MEMBER FOR POSITIONING A MAGNETIC SENSOR**
[54] **UNITE REMPLACABLE POUR UN DISPOSITIF DE FORMATION D'IMAGE ELECTROPHOTOGRAPHIQUE AYANT UN ELEMENT D'ENTREE EN PRISE POUR POSITIONNER UN CAPTEUR MAGNETIQUE**
[72] CARPENTER, BRIAN SCOTT, US
[71] LEXMARK INTERNATIONAL, INC., US
[85] 2017-06-22
[86] 2016-02-09 (PCT/US2016/017095)
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[54] **A NASAL COMPOSITION CONTAINING SEA WATER AS STABILITY-IMPROVING EXCIPIENT**
[54] **COMPOSITION NASALE CONTENANT DE L'EAU DE MER EN TANT QU'EXCIPIENT D'AMELIORATION DE STABILITE**
[72] KNEZEVIC, ZDRAVKA, HR
[72] POPOVIC, NINA, HR
[72] KAMBER, SILVIJA, HR
[72] MAVRINAC, MARINA, HR
[71] JADRAN - GALENSKI LABORATORIJ D.D., HR
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[25] EN
[54] **METHOD AND APPARATUS FOR IDENTIFYING FRAGMENTED MATERIAL PORTIONS WITHIN AN IMAGE**
[54] **PROCEDE ET APPAREIL PERMETTANT D'IDENTIFIER DES PARTIES DE MATERIAU FRAGMENTE DANS UNE IMAGE**
[72] TAFAZOLI BILANDI, SHAHRAM, CA
[72] RAMEZANI, MAHDI, CA
[72] BELL, IAN LAW, CA
[72] SAMETI, MOHAMMAD, CA
[72] ABOLMAESUMI, PURANG, CA
[72] NOURANIAN, SAMAN, CA
[71] MOTION METRICS INTERNATIONAL CORP., CA
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[51] **Int.Cl. A61K 31/505 (2006.01)**
[25] EN
[54] **COMBINATION OF RAF INHIBITORS AND TAXANES**
[54] **COMBINAISON D'INHIBITEURS DE RAF ET DE TAXANES**
[72] BOZON, VIVIANA, US
[72] GALVIN, KATHERINE M., US
[72] BRAKE, RACHAEL L., US
[72] XU, QUNLI, US
[72] KANNAN, KARUPPIAH, US
[71] MILLENNIUM PHARMACEUTICALS, INC., US
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[87] (WO2016/106359)
[30] US (62/096,020) 2014-12-23
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[51] **Int.Cl. B42D 25/36 (2014.01) B42D 25/405 (2014.01)**
[25] EN
[54] **DYNAMIC SECURITY DEVICE**
[54] **DISPOSITIF DE SECURITE DYNAMIQUE**
[72] MACPHERSON, CHARLES D., US
[72] BRASSARD, DANIEL, CA
[72] MALIC, LIDIJA, CA
[72] MORTON, KEITH J., CA
[72] VERES, TEODOR, CA
[72] GARANZOTIS, THEODOROS, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[71] BANK OF CANADA, CA
[85] 2017-06-23
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[87] (WO2016/103225)
[30] US (62/096,695) 2014-12-24
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[51] **Int.Cl. A61B 3/16 (2006.01)**
[25] EN
[54] **GLAUCOMA TREATMENT DEVICES AND METHODS**
[54] **DISPOSITIFS ET PROCEDES DE TRAITEMENT DU GLAUCOME**
[72] BROWN, J. DAVID, US
[71] MICROOPTX INC., US
[85] 2017-06-22
[86] 2015-12-30 (PCT/US2015/068017)
[87] (WO2016/109639)
[30] US (62/098,609) 2014-12-31
[30] US (62/235,113) 2015-09-30

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[51] **Int.Cl. G02B 1/00 (2006.01) B82Y 20/00 (2011.01) B42D 25/29 (2014.01) B42D 25/36 (2014.01) B82B 1/00 (2006.01) C30B 5/00 (2006.01) G02B 26/02 (2006.01)**
[25] EN
[54] **ALIGNMENT AND ROTATION OF JANUS MICROPARTICLES IN RESPONSE TO ACCELERATION**
[54] **ALIGNEMENT ET ROTATION DES MICROPARTICULES JANUS EN REPONSE A L'ACCELERATION**
[72] MACPHERSON, CHARLES D., US
[72] BRASSARD, DANIEL, CA
[72] MALIC, LIDIJA, CA
[72] MORTON, KEITH J., CA
[72] VERES, TEODOR, CA
[72] GARANZOTIS, THEODOROS, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[71] BANK OF CANADA, CA
[85] 2017-06-23
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[87] (WO2016/103226)
[30] US (62/096,700) 2014-12-24
[30] US (62/096,695) 2014-12-24

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[51] **Int.Cl. H04W 76/02 (2009.01) H04W 12/06 (2009.01) H04W 84/18 (2009.01)**
[25] EN
[54] **A WIRELESS SENSOR POD USES TRIGGER EVENTS FOR PAIRING AND TESTING**
[54] **MODULE A CAPTEUR SANS FIL UTILISANT DES EVENEMENTS DE DECLENCHEMENT POUR L'APPARIEMENT ET LE TEST**
[72] CHAN, BILLY CHEUK WAI, CA
[72] FYFE, KIPLING WILLIAM, CA
[72] LUND, GREGORY CHARLES, CA
[72] WILLIAMS, THOMAS RICHARD, CA
[71] 4IIII INNOVATIONS INC., CA
[85] 2017-06-22
[86] 2015-12-24 (PCT/IB2015/002593)
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Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,951,313**
[13] A1
[51] **Int.Cl. A61L 27/50 (2006.01) A61B 6/12 (2006.01) A61F 2/02 (2006.01) A61F 2/12 (2006.01) A61L 27/40 (2006.01)**
[25] EN
[54] **COLORED SILICONE FOR IMPLANT SAFETY**
[54] **SILICONE COLORE POUR ASSURER LA SECURITE D'UN IMPLANT**
[72] BEECKLER, CHRISTOPHER THOMAS, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-12-12
[41] 2017-06-22
[30] US (14/978,577) 2015-12-22

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[21] **2,951,652**
[13] A1
[51] **Int.Cl. A22C 11/00 (2006.01)**
[25] FR
[54] **DEVICE FOR PORTIONING SAUSAGES WOUND AROUND A PLATEN AND FEATURING A CUTTING TOOL**
[54] **APPAREIL DE MISE EN PORTION DE SAUCISSES S'ENROULANT AUTOUR D'UNE PLATINE ET DOTE D'UN OUTIL DE COUPE**
[72] BEUCHER, JEREMY, FR
[71] SYSTEM B, FR
[22] 2016-12-14
[41] 2017-06-29
[30] FR (1563449) 2015-12-29

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[21] **2,951,899**
[13] A1
[51] **Int.Cl. B62B 5/00 (2006.01) B62B 3/14 (2006.01) B65B 67/04 (2006.01) B65B 67/12 (2006.01)**
[25] EN
[54] **SHOPPING CART BAGGING STATION AND METHOD OF FORMING THE SAME**
[54] **POSTE DE MISE EN SAC DE CONTENU DE PANIER D'ACHATS ET METHODE DE FORMATION ASSOCIEE**
[72] BACALLAO, YURGIS MAURO, US
[71] WAL-MART STORES, INC., US
[22] 2016-12-14
[41] 2017-06-22
[30] US (62/377,135) 2016-08-19
[30] US (62/377,143) 2016-08-19
[30] US (62/270,785) 2015-12-22
[30] US (62/270,813) 2015-12-22
[30] US (62/270,827) 2015-12-22
[30] US (62/298,011) 2016-02-22
[30] US (62/298,017) 2016-02-22
[30] US (62/402,475) 2016-09-30

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[21] **2,953,534**
[13] A1
[51] **Int.Cl. A23L 15/00 (2016.01) A23L 5/10 (2016.01) A23B 5/04 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING FROZEN OR REFRIGERATED FRIED EGGS**
[54] **PROCEDE POUR PREPARER DES OEUFS FRITS CONGELES OU REFRIGERES**
[72] YZUEL SANZ, FRANCISCO JAVIER, ES
[71] FOOD STYLE S.L., ES
[22] 2016-12-30
[41] 2017-06-30
[30] ES (PCT/ES2015/070967) 2015-12-30

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[21] **2,966,116**
[13] A1
[51] **Int.Cl. G01N 21/954 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF INSPECTING INNER SMOOTH WALL OF CORRUGATED DUAL WALL PIPE**
[54] **SYSTEME ET METHODE D'INSPECTION DE PAROI LISSE INTERNE DE TUYAU A DOUBLE PAROI ONDULEE**
[72] DOUGLASS, CARL, III, US
[72] LARKINS, JOSEPH, US
[72] TOLIVER, TIMOTHY, US
[71] PRINSCO, INC., US
[22] 2014-08-12
[41] 2015-02-19
[62] 2,900,578
[30] US (61/864,898) 2013-08-12

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[21] **2,967,107**
[13] A1
[51] **Int.Cl. A47K 5/12 (2006.01) B67D 3/00 (2006.01)**
[25] EN
[54] **MANUAL FLUID DISPENSER WITH ELECTRICAL GENERATOR**
[54] **DISTRIBUTEUR MANUEL DE LIQUIDE AVEC GENERATEUR D'ELECTRICITE**
[72] OPHARDT, HEINER, CH
[71] GOTOHTI.COM INC., CA
[22] 2010-02-23
[41] 2010-08-27
[62] 2,694,569
[30] US (12/379,786) 2009-02-27
[30] CA (2,694,569) 2010-01-20

[21] **2,970,774**
[13] A1
[51] **Int.Cl. C07K 7/64 (2006.01) C12N 15/115 (2010.01) A61K 47/61 (2017.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07K 16/00 (2006.01) C07K 16/08 (2006.01) C07K 16/30 (2006.01) C07H 21/00 (2006.01)**
[25] EN
[54] **AMATOXIN-ARMED THERAPEUTIC CELL SURFACE BINDING COMPONENTS DESIGNED FOR TUMOUR THERAPY**
[54] **CONSTITUANTS THERAPEUTIQUES CONTENANT DE L'AMATOXINE DE LIAISON A LA SURFACE CELLULAIRE DESTINES A LA THERAPIE DES TUMEURS**
[72] FAULSTICH, HEINZ, DE
[72] MOLDENHAUER, GERHARD, DE
[72] WERNER, SIMON, DE
[72] ANDERL, JAN, DE
[72] MULLER, CHRISTOPH, DE
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM, DE
[71] FAULSTICH, HEINZ, DE
[22] 2010-04-08
[41] 2010-10-14
[62] 2,758,201
[30] US (61/167,690) 2009-04-08
[30] US (61/222,227) 2009-07-01

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[21] **2,971,774**
[13] A1
[51] **Int.Cl. G06Q 40/04 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING NEUTRAL PRICE IMPROVEMENT**
[54] **SYSTEMES ET METHODE D'AMELIORATION DE PRIX NEUTRE**
[72] LUTNICK, HOWARD W., US
[72] SWEETING, MICHAEL, US
[71] BGC PARTNERS INC., US
[22] 2005-09-28
[41] 2006-03-28
[62] 2,521,478
[30] US (60/613,830) 2004-09-28

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[21] **2,971,794**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **B7 FAMILY MEMBER ZB7H6 AND RELATED COMPOSITIONS AND METHODS**
[54] **ZB7H6 MEMBRE DE LA FAMILLE B7 ET COMPOSITIONS ET PROCEDES APPARENTES**
[72] BRANDT, CAMERON S., US
[72] KENNEDY, JACOB J., US
[72] XU, WENFENG, US
[72] YI, EUGENE C., US
[72] FOX, BRIAN A., US
[72] GAO, ZEREN, US
[72] SIVAKUMAR, PALLAVUR V., US
[71] ZYMOGENETICS, INC., US
[22] 2008-10-06
[41] 2009-04-09
[62] 2,697,992
[30] US (60/977,584) 2007-10-04
[30] US (61/026,802) 2008-02-07
[30] US (61/095,875) 2008-09-10

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[21] **2,972,050**
[13] A1
[51] **Int.Cl. A61M 25/00 (2006.01) A61M 25/09 (2006.01) A61M 29/00 (2006.01)**
[25] EN
[54] **CATHETERISATION DEVICE**
[54] **DISPOSITIF DE CATHETERISATION**
[72] ANDRICH, DANIELA, GB
[71] URETHROTECH LTD, GB
[22] 2009-10-28
[41] 2010-05-06
[62] 2,774,596
[30] GB (0820052.9) 2008-10-31

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BRUBAKER, WILLIAM F.	2,971,729
BRUCE, MATTHEW FREDERICK	2,965,755
BRUCE, ROBERT M.	2,970,267
BRYANT, AARON	2,968,423
BUCHAN, ZACHARY	2,972,036
BURKE, BRIAN	2,971,610
BURNHAM, PHILIPPE H.	2,972,065
BYRNE, JOSEPH H.	2,972,031
C.R. BARD, INC.	2,972,008
CAI, CHARLIE	2,971,610

CAI, XIUMEI 2,971,823
CANON KABUSHIKI KAISHA 2,971,802
CAPITAL ONE SERVICES, LLC 2,971,865
CAPITAL ONE SERVICES, LLC 2,971,866
CAREGHINI, ALESSANDRO 2,965,443
CARLOCK, JASON K. 2,972,073
CARPENTER, BRIAN SCOTT 2,972,153
CARTER, WILLIAM 2,965,681
CATHIE, CHERYL ANN 2,972,091
CATINO, BEVERLY A. 2,971,740
CATINO, MITCHELL A. 2,971,740
CATINO, THEODORE A. 2,971,740
CAUSER, MICHAEL 2,968,849
CELLECTIS 2,967,222
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,968,729
CEYSSENS, TIM 2,970,701
CHAKRABORTY, INDRANI 2,971,732
CHAKRABORTY, URMI 2,964,630
CHAMSEDDINE, AHMAD 2,972,114
CHAN, BILLY CHEUK WAI 2,972,200
CHANDRASHEKAR, SRIDHAR 2,972,043
CHANG, DE-KUAN 2,962,976
CHAPMAN, ROBERT SCOTT, III 2,972,019
CHARTRAIN, DIDIER 2,968,476
CHATTERJI, JITEN 2,972,053
CHATTERJI, JITEN 2,972,066
CHEN, HAO 2,971,752
CHEN, TSENG-HUI TIMOTHY 2,971,732
CHEN, XINDE 2,972,112
CHENG, CHENG 2,971,861
CHENG, MIN 2,972,018
CHIESI FARMACEUTICI S.P.A. 2,971,868
CHINEY, ABHINANDAN 2,971,856
CHO, JIAN-YANG 2,968,381
CHOI, DOEUNG DAVID 2,970,314
CHONGQING PHARMACEUTICAL INDUSTRIAL RESEARCH INSTITUTE CO., LTD 2,971,752
CHRISTIAN, TERRY M. 2,972,018
CIECIARA, MARIUSZ 2,968,821
CIPOLLETTA, DANIELA 2,964,146
CLEMENT, CECILE 2,968,474
CLICK MATERIALS CORP. 2,971,749
CLOMPUS, RICHARD 2,972,064
COLGATE-PALMOLIVE COMPANY 2,968,213
COLOPLAST A/S 2,963,294
COLUMBIA INSURANCE COMPANY 2,968,533
CONNOLLY, BRIAN 2,959,545
CONOCOPHILLIPS COMPANY 2,972,018
CONTEXT SYSTEMS LLP 2,972,103
COOK, GEORGE MICHAEL 2,968,192
COOK, GRANT O., III 2,971,695
COOK, JONATHAN 2,968,192
COOK, MICHAEL 2,968,192
CORAM, TRISTAN E. 2,972,016
CORNING INCORPORATED 2,968,232
CORNING INCORPORATED 2,968,536
COVENANT EYES, INC. 2,965,513
COX, ADAM 2,968,585
CQMS PTY LTD 2,971,745
CQMS PTY LTD 2,971,747
CQMS PTY LTD 2,971,748
CQMS PTY LTD 2,971,750
CRABTREE, PHILLIP C., II 2,968,956
CRITON, ALINE LAURE 2,965,755
CUMMINS, JONATHAN 2,971,826
CYTEC INDUSTRIES INC. 2,968,081
CYTEC INDUSTRIES INC. 2,968,381
CYTEC INDUSTRIES INC. 2,968,849
D'ANTONIO, PAUL 2,965,511
DAEUBLE, JOHN F., SR. 2,972,034
DAEUBLE, JOHN F., SR. 2,972,045
DAHLBERG, CECIL 2,971,759
DAI, RUPING 2,971,823
DALLAIS, ANTONY 2,968,474
DANA-FARBER CANCER INSTITUTE, INC. 2,962,976
DANHASH, MAY 2,972,101
DANIELLOU, PIERRE 2,964,671
DANNHARDT, WALTER 2,972,064
DARBY, PAUL 2,968,934
DAS, SMRUTI 2,964,357
DAVID-HEGERICH, FAITH 2,969,731
DAVIDSON, BEVERLY L. 2,971,687
DAVIS, CHESNEE L. 2,971,851
DE CONINCK, MICHAEL 2,965,332
DE VISSCHER, JULIEN 2,968,470
DEBNATH, KAPIL 2,965,235
DECIU, COSMIN 2,964,158
DEHAAS, RONALD 2,965,513
DEKORVER, KYLE A. 2,972,034
DEKORVER, KYLE A. 2,972,036
DEKORVER, KYLE A. 2,972,045
DELORBE, JOHNATHAN E. 2,972,034
DELORBE, JOHNATHAN E. 2,972,045
DERANGO, MARIO F. 2,965,290
DERIDDER, JAMES 2,972,073
DERNEDDE, MATHIAS 2,958,464
DESBOUCHE-JANNY, MARIE-NOELLE 2,968,630
DESCHAMPS, MARC 2,968,729
DESIGNED METAL CONNECTIONS, INC. 2,972,101
DETTLEBACH, KEVAN 2,971,749
DETWEILER, JEFFREY R. 2,972,073
DEVAUX, BRIGITTE 2,971,732
DEVILLE, JAY P. 2,971,851
DEY, TANMOY 2,968,849
DHERSIN, CHRISTINE 2,968,934
DIAZ, JOSEPH 2,965,662
DIEHL, MICHAEL 2,958,464
DIETERICH, PETRA 2,971,826
DING, MIN 2,971,868
DIRKSEN, RONALD JOHANNES 2,971,847
DISLEY, GARY 2,972,103
DITZLER, CHRISTOPHER A. 2,959,114
DOBBS, MARK, D. 2,968,497
DOBMEIER, JOHN RUSSELL 2,972,101
DOHERTY, CAIN CHRISTOPHER 2,970,438
DOLAN, FRANCIS 2,972,122
DONLAN, BRYAN JAMES 2,969,741
DOUGHERTY, JESSE MARCUS 2,965,520
DOW AGROSCIENCES LLC 2,972,016
DOW AGROSCIENCES LLC 2,972,034
DOW AGROSCIENCES LLC 2,972,036
DOW AGROSCIENCES LLC 2,972,045
DOW AGROSCIENCES LLC 2,972,091
DOYLE, JOHN 2,971,761
DRANOFF, GLENN 2,964,146
DRESSER-RAND COMPANY 2,968,228
DRY, RODNEY JAMES 2,971,980
DU-THUMM, LAURENCE 2,968,213
DUBOVOY, VIKTOR 2,968,213
DUERR, AL 2,971,761
DUNBAR, PETER RODERICK 2,971,677
DUTTA, PANNA 2,971,868
DUVAL, DEAN LARRY 2,970,952
DYKSTRA, JASON D. 2,971,706
EARLY, JOHN 2,965,511
EASTWOOD, MARK 2,970,309
EATON CORPORATION 2,964,896
EC POWER, LLC 2,968,698
ECOLAB USA INC. 2,972,111
EDGE SYSTEMS LLC 2,971,728
EDINGTON, SCOTT 2,972,096
EFFLUENT FREE DESALINATION CORP. 2,972,089
EILS, STEFAN 2,958,460
EILS, STEFAN 2,958,463
EILS, STEFAN 2,958,464
EKSELIUS, LUKAS 2,972,020
EL-DINARY, ASHRUF S. 2,972,073
ELLINGSON, PETER CHRISTOPHER 2,970,952
ENCYT TECHNOLOGIES, INC. 2,971,888
ENG, JERRY MON HEI 2,968,381
ENZYMOTEC LTD. 2,964,067
EPP, JEFFREY B. 2,972,034
EPP, JEFFREY B. 2,972,045
EPSTEIN, EYAL 2,971,990
ESCADAS RAMOS MARTINS, RUI MANUEL 2,965,273
ESTELLE, TAYLOR 2,972,024
ETTER, AUDREY JANE 2,972,016
EVONIK DEGUSSA GMBH 2,971,825
EVONIK INDUSTRIES AG 2,958,460
EVONIK INDUSTRIES AG 2,958,463
EVONIK INDUSTRIES AG 2,958,464
FALKENBURG, J.H. FREDERIK 2,966,300
FAN, JIANG 2,968,859
FARMINGTON PHARMA DEVELOPMENT 2,971,729
FEARIS, PAUL 2,969,729
FEHR PEREIRA LOPES, JOSE E. 2,971,870
FEHR, JEAN-NOEL 2,972,064
FERNANDEZ DEL VALLE, JULIA 2,968,103
FERRARI, IACOPO CLAUDIO 2,971,796
FERRARI, IACOPO CLAUDIO 2,971,797
FIACCO, RICHARD MICHAEL 2,968,536
FINLEY, ADAM 2,965,511
FISCHER, BRITTANY MARIE 2,968,232
FISK, JUSTIN 2,969,729

FISK, JUSTIN 2,969,731
FLORES-LEFRANC, RODNEY 2,972,151
FLUCKIGER, DAVID U. 2,970,334
FLUGEL, MONIKA 2,971,825
FMC CORPORATION 2,971,611
FOINI, MATTEO 2,971,796
FOINI, MATTEO 2,971,797
FOLTZ, WILLIAM E. 2,963,415
FONG, LONG HIN 2,968,682
FORREST, EDWARD J., JR. 2,969,697
FORSBERG, SCOTT R. 2,971,716
FORUM US, INC. 2,968,423
FORZANI, PAOLO 2,971,796
FORZANI, PAOLO 2,971,797
FOSTER, NEIL 2,972,091
FOUSSARD, THIERRY 2,968,934
FRANK, TREVOR 2,968,840
FRANKLIN, CRAIG R. 2,970,334
FRANKLIN, PAUL DAVID 2,969,741
FRIPP, MICHAEL L. 2,971,843
FRISTRUP, CHARLOTTE JUEL 2,963,294
FRYER, CHRISTOPHER JOHN 2,971,796
FRYER, CHRISTOPHER JOHN 2,971,797
FUKUOKA, MOE 2,971,685
FUSCO, ADAM JOSEPH 2,968,232
FYFE, KIPLING WILLIAM 2,972,200
GAHLAWAT, RAVINDER 2,971,856
GALDOS TOBALINA, ALBERTO 2,968,067
GALVIN, KATHERINE M. 2,972,076
GALVIN, KATHERINE M. 2,972,189
GANO, JOHN C. 2,971,843
GARANZOTIS, THEODOROS 2,972,194
GARANZOTIS, THEODOROS 2,972,197
GATT TECHNOLOGIES B.V. 2,963,057
GAUBICHER, JOEL 2,968,729
GCP APPLIED TECHNOLOGIES INC. 2,968,349
GENENTECH, INC. 2,959,545
GENERAL CABLE TECHNOLOGIES CORPORATION 2,971,736
GENERAL DYNAMICS, OTS - CANADA, INC. 2,972,106
GENERAL ELECTRIC COMPANY 2,968,360
GENERAL ELECTRIC COMPANY 2,968,380
GENERAL MAGNETIC INTERNATIONAL INC. 2,971,761
GENZYME CORPORATION 2,971,861
GHOSH, DEBASHIS 2,970,479
GHOSH, GOUTAM 2,968,323
GHOSH, SHUBHAJIT 2,971,863
GIGSMART, LLC 2,971,740
GILLIS, ERIC P. 2,963,930
GLANCY, TODD P. 2,972,016
GO, JOHNSON 2,968,894
GOMA, SERGIU RADU 2,964,962
GONNET, ROMAIN 2,968,247
GOOD TECHNOLOGY HOLDINGS LIMITED 2,970,310
GOODALL, KEVIN GEORGE 2,968,102
GOODALL, KEVIN GEORGE 2,968,116
GOODWIN, SCOTT 2,971,703
GOPALAKRISHNAN, KARTHIK 2,968,232
GORDON, JOSEPH M. 2,969,731
GORGES, ANDREW CHARLES 2,968,232
GOSNEY, JON TROY 2,971,718
GOTO, SHISEI 2,971,685
GRAHAM PACKAGING COMPANY, L.P. 2,972,041
GRATA, JEREMY A. 2,971,613
GRAY, BRIAN FRANCIS 2,970,952
GREENFIELD SPECIALTY ALCOHOLS INC. 2,971,889
GROSS, TIMOTHY MICHAEL 2,968,536
GUADAGNO, PHILIP 2,965,675
GUARRAIA, MARK 2,969,729
GUARRAIA, MARK 2,969,731
GUERRA, GERARDO 2,968,423
GUPTA, AMITAVA 2,972,064
GUPTA, ARUN 2,968,511
GUPTA, RAM B. 2,968,381
GUSTAFSON, PETER ALLEN 2,972,095
GUYOMARD, DOMINIQUE 2,968,729
H.E.F. 2,968,630
HAFEZ, HISHAM MOHAMED 2,971,889
HAJISHAH, ABRAHAM 2,966,501
HALBERG, NILS 2,972,048
HALLETT, BRIAN S. 2,966,881
HALLIBURTON ENERGY SERVICES, INC. 2,971,695
HALLIBURTON ENERGY SERVICES, INC. 2,971,699
HALLIBURTON ENERGY SERVICES, INC. 2,971,703
HALLIBURTON ENERGY SERVICES, INC. 2,971,706
HALLIBURTON ENERGY SERVICES, INC. 2,971,718
HALLIBURTON ENERGY SERVICES, INC. 2,971,843
HALLIBURTON ENERGY SERVICES, INC. 2,971,847
HALLIBURTON ENERGY SERVICES, INC. 2,971,849
HALLIBURTON ENERGY SERVICES, INC. 2,971,851
HALLIBURTON ENERGY SERVICES, INC. 2,971,852
HALLIBURTON ENERGY SERVICES, INC. 2,971,856
HALLIBURTON ENERGY SERVICES, INC. 2,971,863
HALLIBURTON ENERGY SERVICES, INC. 2,972,053
HALLIBURTON ENERGY SERVICES, INC. 2,972,066
HAMMERSLEY, SCOTT 2,965,513
HANSEN, KRISTOFFER 2,963,294
HANSON, TIMOTHY L. 2,972,032
HANTHORN, JASON J. 2,968,585
HARBIN INSTITUTE OF TECHNOLOGY 2,971,884
HARBORTH, JENS 2,971,881
HARLESS, WILLIAM WARREN 2,971,888
HARRIS, E. MARK 2,968,533
HARRIS, THEODORE 2,972,096
HARVEY, JAMES FRANCIS 2,964,145
HASE, ALFRED 2,972,111
HATANAKA, YASUHIRO 2,971,833
HEEMSKERK, MIRJAM H.M. 2,966,300
HEEMSTRA, RONALD J. 2,972,034
HEINZMANN, JOHN DAVID 2,968,682
HELLEMANS, GEERT 2,970,701
HELM, DAVID P. 2,965,290
HERMAN, SERGE 2,968,934
HERRICK, JESSICA 2,972,036
HERRICK, JESSICA 2,972,045
HEY, TIMOTHY D. 2,972,016
HIGGINS, JACK 2,972,151
HILLIER, NICHOLAS SIMON 2,971,745
HILLIER, NICHOLAS SIMON 2,971,747
HIRABARU, CHIKA 2,971,685
HIRAIWA, HIROMITSU 2,972,090
HONOREZ, GAEL 2,965,332
HOPKINS, DEREK J. 2,972,091
HP3 REAL GMBH 2,968,590
HSEIH, BIAY-CHENG 2,964,962
HSU, CHRISTOPHER 2,971,739
HSU, TSUI-LING 2,972,067
HU, WEI 2,971,659
HUAWEI TECHNOLOGIES CO., LTD. 2,971,769
HUAWEI TECHNOLOGIES CO., LTD. 2,971,913
HUAWEI TECHNOLOGIES CO., LTD. 2,972,110
HUBBELL INCORPORATED 2,971,709
HUDKINS, JESSE 2,971,749
HUGHES, DAVID W. 2,968,349
HULSKOTTER, FRANK 2,968,102
HULSKOTTER, FRANK 2,968,116
HUNDEMER, HANK 2,972,049
HUNDEMER, HANK 2,972,051
HUNT, ALLAN KENNETH FRAZER GRUGEON 2,971,796
HUNT, ALLAN KENNETH FRAZER GRUGEON 2,971,797
HUNTER, TRAVIS A. 2,972,041
HUSSEIN, MARWAN 2,971,613
HUTCHINSON, PETER 2,971,610
HWANG, CHRISTOPHER 2,971,861
HYPROTEK, INC. 2,972,092
IBIQUITY DIGITAL CORPORATION 2,972,073
ICHIKAWA, YUICHIRO 2,972,090
IDKOWIAK BALDYS, JOLANTA 2,972,015
IGNON, ROGER 2,971,728
IGWE, EMEKA-IGNATIUS 2,971,825
IIJIMA, MITSUYUKI 2,971,688
ILLINOIS TOOL WORKS INC. 2,962,456
ILLINOIS TOOL WORKS INC. 2,969,697
ILLINOIS TOOL WORKS INC. 2,971,739
IMERYS MINERALS LIMITED 2,964,671
INAGAKI, KOJI 2,971,689
INTEL CORPORATION 2,968,079
INTELLECTUAL PROPERTY ASSOCIATES, LLC 2,972,065

ISIGHTHIS LTD 2,972,104
ITRON, INC. 2,965,135
IVIC, MICHAEL 2,971,702
JACKSON, JANET R. 2,963,350
JADRAN - GALENSKI LABORATORIJ D.D. 2,972,177
JAMES, SIMON 2,968,103
JANDHYALA, SIVA RAMA KRISHNA 2,971,856
JENESIS INTERNATIONAL INC. 2,971,871
JENSEN, BRADFORD B. 2,971,871
JEONG, GAYOUNG 2,972,094
JFE STEEL CORPORATION 2,971,682
JFE STEEL CORPORATION 2,971,828
JIANGSU MIDEA CLEANING APPLIANCES CO., LTD. 2,971,659
JOHN, STEPHEN CHIRAMUKATHU 2,972,095
JOHNSON, STEPHEN A. 2,968,411
JOHNSON, STEPHEN J. 2,972,018
JOHNSON, TIMOTHY 2,971,861
JOHNSTON, SIDNEY DANTUMA 2,967,742
JOINT STOCK COMPANY "AKME-ENGINEERING" 2,972,003
JOINT STOCK COMPANY "AKME-ENGINEERING" 2,972,006
JOLICOEUR, BENOIT 2,972,106
JONES, DAVID LEONWILL 2,971,847
JONES, DAVID M. 2,972,034
JONES, DAVID M. 2,972,036
JONES, DAVID M. 2,972,045
JONES, NICOLAS 2,968,194
JONES, NICOLAS 2,968,197
JORDAN, RICHARD DAVID, JR. 2,968,849
JOUIN, JEAN PIERRE 2,964,671
JUILLERAT, ALEXANDRE 2,967,222
JULIEN, SUSAN H. 2,971,732
JUNG, SEUNGSUB 2,970,310
JUPP, NICOLA 2,968,194
JUPP, NICOLA 2,968,197
JURY, JEFFREY 2,972,073
KADILAK, JEFFREY JOHN 2,968,894
KAISARE, NIKET 2,968,511
KAMBER, SILVIJA 2,972,177
KAMIMURA, ASUKA 2,971,689
KANG, DAEHOON 2,968,894
KANNAN, KARUPPIAH 2,972,189
KARANTZIS, NICKOLAS JOHN 2,972,104
KARAPASHA, NANCY 2,970,952
KASHIIDE, YOSUKE 2,971,802
KATO, SHIORI 2,971,827
KATO, YASUSHI 2,971,828
KATSUMURA, TATSURO 2,971,828
KAWAKAMI, MASASHI 2,972,090
KAZANAS, ATHINODOROS CHRIS 2,968,797
KEATES, ANDY 2,968,079
KELLY, MICHAEL GERARD 2,971,869
KEOHANE, EUGENE F. 2,965,662
KERTH, JASON M. 2,968,228
KHAWAM, FADI 2,968,381
KIM, HYUNSOOK 2,971,716
KIM, JASON 2,972,151
KIM, MIN YOUNG 2,971,901
KIMMEL, MICHAEL 2,965,681
KINCAID, JOHN 2,971,869
KING, JAMES E. 2,972,016
KING, JASON 2,965,513
KIYOOKA, SUMITO 2,971,829
KLAWUHN, ERICH R. 2,968,840
KLITTICH, CARLA J.R. 2,971,719
KLYS, PIOTR 2,968,821
KNEE, DEBORAH A. 2,964,146
KNEZEVIC, ZDRAVKA 2,972,177
KO, CHUNGDUCK 2,971,709
KOBAYASHI, ATSUHIKO 2,971,986
KOEPPEL, ADAM R. 2,971,865
KOEPPEL, ADAM R. 2,971,866
KOIZUMI, SATOSHI 2,971,829
KOKONASKI, WILLIAM 2,972,064
KOTAPISH, EDWARD C. 2,972,031
KOZAKIEWICZ, JOSEPH 2,968,381
KRAMER, FRANZ 2,971,891
KRISTENSSON, PER OLA 2,970,035
KURARAY CO., LTD. 2,971,829
KURARAY CO., LTD. 2,971,833
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,968,474
LAFARGUE, OLIVIER 2,968,476
LAFITTE, VALERIE GISELE HELENE 2,968,103
LAM, PETER KWOK HING 2,963,294
LANDIS+GYR INNOVATIONS, INC. 2,965,352
LANING, JOSEPH 2,969,231
LAYNE, SCOTT, P. 2,968,497
LE, HOA TRI 2,972,095
LE, LAN 2,959,545
LECERF, BRUNO 2,968,356
LECUYER, MARGAUD 2,968,729
LEE, EUN KYUNG 2,970,267
LEE, GRACE 2,964,630
LEE, JAE YOUNG 2,971,901
LEE, JESSE 2,968,103
LEE, JOHN H. 2,971,687
LEE, KWAN BYUNG 2,970,165
LEE, MILTON 2,968,497
LEE, RYAN M. 2,972,016
LEE, SANG JIN 2,972,094
LEHAN, LISBETH HALS 2,971,848
LEHOUX, RICHARD ROMEO 2,971,889
LEI, HUANGSHU 2,971,752
LEIDEN UNIVERSITY MEDICAL CENTER 2,966,300
LESLIE, BRUCE ALEXANDER 2,971,745
LESLIE, BRUCE ALEXANDER 2,971,747
LESLIE, BRUCE ALEXANDER 2,971,748
LESLIE, BRUCE ALEXANDER 2,971,750
LESTRIEZ, BERNARD 2,968,729
LETZELTER, NATHALIE SOPHIE 2,968,102
LETZELTER, NATHALIE SOPHIE 2,968,116
LEWIS, SAMUEL J. 2,971,849
LEXMARK INTERNATIONAL, INC. 2,972,153
LI, BIN 2,971,769
LI, CHANGQI 2,971,823
LI, HSIAO CHANG 2,971,722
LI, JIANQUAN 2,972,016
LI, SHENG 2,971,884
LI, YAN 2,971,913
LIANG, JENN-TAI 2,972,018
LIBERIS, WILLIAM 2,971,610
LICHTBERGER, BERNHARD 2,968,590
LILLEBABY, LLC 2,971,848
LIN, BIGUANG 2,955,868
LIN, CHIH-WEI 2,972,067
LIN, GAOFENG 2,972,016
LIN, GUANGSHENG 2,971,996
LIN, KUO-SHYAN 2,972,058
LIN, MENG 2,971,752
LIN, YING-YING 2,972,018
LINCH, JONATHON J. 2,968,514
LINDER, TALY PNINA 2,971,990
LIU, JENSING 2,972,151
LIU, QIAN 2,972,115
LIU, RICHARD Y. 2,968,411
LIU, ZHIBO 2,972,058
LIU, ZHIONG 2,971,912
LIXIL CORPORATION 2,972,090
LONDESBROUGH, DEREK 2,971,763
LONGA, CLAUDIO DALLA 2,972,064
LOPEZ, RICARDO 2,968,380
LORD, MICHAEL JOHN 2,972,089
LOU, YI-WEI 2,972,067
LOUPAS, THANASIS 2,965,755
LOY, BRIAN 2,972,034
LOY, BRIAN 2,972,036
LU, SONGWEI 2,968,530
LU, SONGWEI 2,968,688
LU, YU 2,972,034
LU, YU 2,972,036
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YANG, MUYUN	2,971,884
YANG, SONGLING	2,971,912
YANG, YI	2,964,896
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YAO, CHENGLIN	2,972,034
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ZHANG, JUN	2,971,881
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ZHANG, YANSHI	2,968,219
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ZHAO, LEI	2,962,738
ZHAO, LEI	2,968,949
ZHAO, QIAN	2,963,930
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ZHAO, XIN	2,969,812
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ZHU, JUNGUO	2,971,884
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